STR-KSL7/SL7/TA-KSL7

SERVICE MANUAL

Ver 1.0 2001. 10

US Model
STR-SL7
Canadian Model
E Model
STR-KSL7
AEP Model
UK Model
Chinese Model
TA-KSL7

Photo : TA-KSL7

- STR-KSL7 is the receiver section in HT-SL7.
  TA-KSL7 is the amplifier section in HT-SL7A.

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SPECIFICATIONS

Amplifier section

POWER OUTPUT
Rated Power Output at Stereo mode
(8 ohms 1 kHz, THD 0.3 %)
80 W + 80 W

Reference Power Output
(THD 0.3 %) Front[1]: 80 W/ch
Center[1]: 80 W
Surround[1]: 80 W/ch

1) Depending on the sound field settings and the source, there may be no sound output.

Frequency response
MICRO SP.: 150 Hz – 20 kHz
0/–3 dB
150 Hz (6 dB/oct)
Low cut Filter ON
NORMAL SP.: 20 Hz – 20 kHz
+/–0.5 dB

TA-KSL7 : AEP, UK models

Inputs (Analog) Sensitivity: 250 mV
Impedance: 50 kilohms
S/N[2]: 95 dB
(A, 250 mV[3])

2) INPUT SHORT.
3) Weighted network, input level.

Inputs (Digital)
DVD (Coaxial) Sensitivity: –
Impedance: 75 ohms
S/N: 95 dB
(A, 20 kHz LPF)

TV, AUX (Optical) Sensitivity: –
Impedance: –
S/N: 95 dB
(A, 20 kHz LPF)

EXCEPT TA-KSL7 : AEP, UK models

Inputs (Analog) Sensitivity: 250 mV
Impedance: 50 kilohms
S/N[2]: 80 dB
(A, 20 kHz LPF,
250 mV[3])

2) INPUT SHORT.
3) Weighted network, input level.

Inputs (Digital)
DVD (Coaxial) Sensitivity: –
Impedance: 75 ohms
S/N: 96 dB
(A, 20 kHz LPF)

TV, AUX (Optical) Sensitivity: –
Impedance: –
S/N: 96 dB
(A, 20 kHz LPF)

Outputs
FRONT L/R, CENTER, SURROUND L/R,
SUB WOOFER Voltage: 2 V
Impedance: 1 kilohms

Video section

Inputs
S-video: Y: 1 Vp-p, 75 ohms
C: 0.286 Vp-p, 75 ohms

Outputs
S-video: Y: 1 Vp-p, 75 ohms
C: 0.286 Vp-p, 75 ohms

EXCEPT TA-KSL7

FM tuner section

Tuning range 87.5 – 108.0 MHz

Antenna terminals 75 ohms, unbalanced

Intermediate frequency
10.7 MHz

Sensitivity Mono: 18.3 dBf,
2.2 µV/75 ohms
Stereo: 38.3 dBf,
22.5 µV/75 ohms

Usable sensitivity 11.2 dBf, 1 µV/75 ohms

S/N Mono: 76 dB
Stereo: 70 dB

Harmonic distortion at 1 kHz
Mono: 0.3%
Stereo: 0.5%

Separation 45 dB at 1 kHz

Frequency response 30 Hz – 15 kHz
+0.5/–2 dB

Selectivity 60 dB at 400 kHz

— Continued on next page —

HOME THEATER SYSTEM

9-873-368-01
2001J1600-1
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Sony Corporation
Home Audio Company
Published by Sony Engineering Corporation

SONY®

EXCEPT TA-KSL7

AM tuner section

Tuning range

US, Canadian models	With 10-kHz tuning scale: 530 – 1710 kHz With 9-kHz tuning scale: 531 – 1710 kHz
E model	With 10-kHz tuning scale: 530 – 1610 kHz With 9-kHz tuning scale: 531 – 1602 kHz
Mexican model	530 – 1610 kHz
Malaysia, Singapore models	531 – 1602 kHz
Antenna	Loop antenna
Intermediate frequency	450 kHz
Usable sensitivity	50 dB/m (at 1,000 kHz or 999 kHz)
S/N	54 dB (at 50 mV/m)
Harmonic distortion	0.5% (50 mV/m, 400 Hz)
Selectivity	At 9 kHz: 35 dB At 10 kHz: 40 dB

4) You can change the AM tuning scale to 9 kHz 10 kHz. After tuning in any AM station, turn off the receiver. Hold down the + button and press the button. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

General

Power requirements

STR-SL7 : US, STR-KSL7, Canadian, Mexican models
120 V AC, 60 Hz

TA-KSL7 : AEP, UK, Chinese models
230 V AC, 50/60 Hz

STR-KSL7 : E model
110 – 120 V AC, 50/60 Hz

STR-KSL7 : Malaysia, Singapore models
220 – 230 V AC, 50/60 Hz

Power consumption	98 W

Power consumption (during standby mode)

STR-SL7 : US, STR-KSL7, Canadian, Mexican models
1.7 W

STR-KSL7 : Malaysia, Singapore models
1.9 W

Dimensions (w/h/d)	430 × 83 × 289 mm including projecting parts and controls
Mass (Approx.)	3.1 kg

STR-SL7 : US model

Supplied accessories

FM wire antenna (1)
AM loop antenna (1)
Remote commander RM-U305S (1)
R6 (size-AA) batteries (2)

Design and specifications are subject to change without notice.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer: Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.

2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

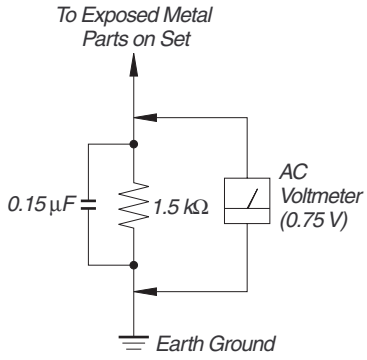
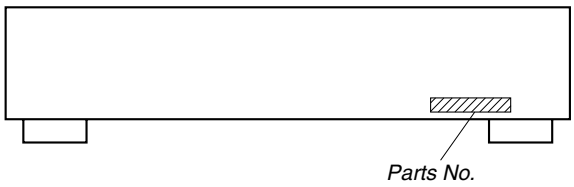


Fig. A. Using an AC voltmeter to check AC leakage.

MODEL IDENTIFICATION
— BACK PANEL —



MODEL	PARTS No.
STR-SL7 :US model	4-235-042-1☐
STR-KSL7 :Canadian model	4-235-042-2☐
STR-KSL7 :Malaysia, Singapore model	4-235-042-3☐
STR-KSL7 :E model	4-235-042-4☐
STR-KSL7 :Mexican model	4-235-042-5☐
TA-KSL7 :AEP, UK model	4-235-042-7☐
TA-KSL7 :Chinese model	4-235-042-9☐

Unleaded solder
Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

: LEAD FREE MARK
Unleaded solder has the following characteristics.
- Unleaded solder melts at a temperature about 40°C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350°C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

Notes on chip component replacement
- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

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SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈSES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPÉMENTS PUBLIÉS PAR SONY.

与安全有关的零部件须知

在原理图上用阴影及 ⚠ 标记来识别的零部件在安全操作上是具有关键性的。这些零部件要用本手册中所示的部件号对应的索尼零部件进行更换。

在安全操作上具有关键性的电路调整与索尼公司出版的维修手册完全一致。在更换关键零部件时或怀疑动作失常时，请进行这些调整操作。

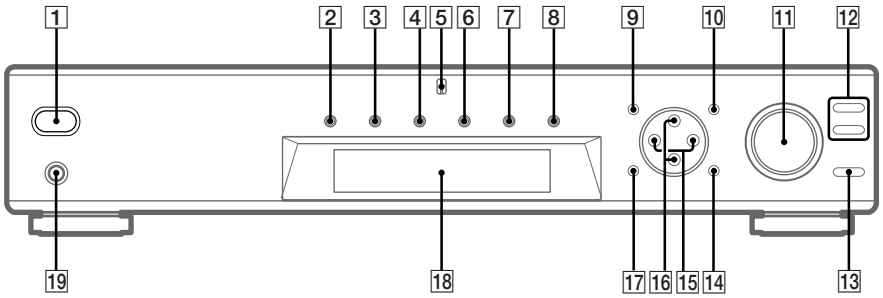
SECTION 1
GENERAL

This section is extracted from instruction manual.

Parts Identification

The items are arranged in alphabetical order.
Refer to the pages indicated in parentheses ( ) for details.

Main unit



AUX 6 (18)
Cursor buttons (∧/∨) 16 (14, 22–24)
Display 18 (21)
DVD 3 (18)
LEVEL 17 (22)
MASTER VOLUME 11 (17, 18)
MULTI CH IN 8 (18)
MULTI CHANNEL DECODING indicator 5
MUTING 13 (18)
PHONES jack 19 (18)
SET UP 10 (14, 24)
SOUND FIELD +/– 12 (19, 23)
SURR 9 (23)
TEST TONE 14 (17)
TUNER 7 (18)
TV 4 (18)
VIDEO 2 (18)
I/⏻ (power) 1 (13, 17, 18, 23)
+/– 15 (14, 22–24)

SECTION 2
TEST MODE

FACTORY SET MODE

* All preset contents are reset to the default setting.
* Procedure:
  While depressing the SET UP and the SOUND FIELD – buttons simultaneously, press the power I/⏻ button to turn on the main power. The message FACTORY appears and switch off the set.
  While depressing the SET UP and the SOUND FIELD – buttons simultaneously, press the power I/⏻ button again. The message FACTORY appears and the present contents are reset to the default values.

AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE

* Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.
* Procedure:
  Set the FUNCTION to AM. Turn off the main power.
  While depressing the > cursor button, press the power I/⏻ button to turn on the main power. Either the message 9 k STEP or 10 k STEP appears. Select the desired step.
* For US/Canadian/E model only

MICRO/NORMAL SPEAKER SELECTION MODE

* Either the micro speaker mode or normal speaker mode can be selected.
* Procedure
  Press the I/⏻ button while pressing the + cursor button to turn on the power. Either the message MICRO SP. or NORM. SP. appears. Select the derired mode.

SOUND FIELD CLEAR MODE

* The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.
* Procedure:
  While depressing the SOUND FIELD + button, press the power I/⏻ button to turn on the main power. The message S. F. CLR appears and initialization is performed.

DEMONSTRATION MODE

* Demonstration is performed.
* Procedure :
  While depressing the SET UP button, press the power I/⏻ button. The message appears and demonstration is performed.
* To finish DEMONSTRATION MODE, press the power I/⏻ button while the introduction message appears in the display.

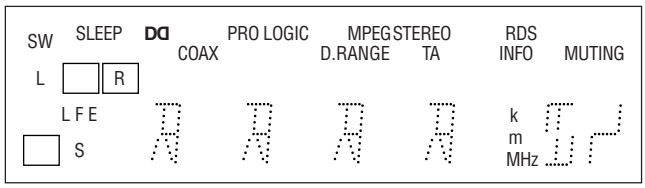
FLUORESCENT INDICATOR TUBE TEST MODE

* All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.
* Procedure:
  While depressing the SET UP and the SOUND FIELD + buttons simultaneously, press the power I/⏻ button to turn on the main power.

1. All segments turn on.

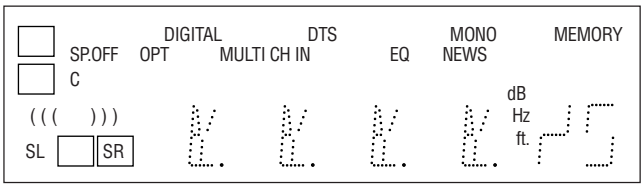
DVD, TV, MULTI CH IN and SURR LED turn on.

2. Press the VIDEO button, confirm display



AUX, TUNER and LEVEL LED turn on.

3. Press the VIDEO button, confirm display



MULTI CHANNEL DECODING(blue), VIDEO and SET UP LED turn on.

4. Press the VIDEO button, All segments turn off.

5. Every pressing of the VIDEO button turns on each segment and LED one after another in the same order.
   (Not only the VIDEO button, but also the other buttons such as DVD, TV, AUX, TUNER can be used.)

KEY CHECK MODE

* Button check
* Procedure:
  While depressing the MUTING and the ENTER buttons simultaneously, press the power I/⏻ button to turn on the main power.
  REST 17 appears.
  Every pressing of any button other than I/⏻ counts down the buttons. The buttons which are already counted once are not counted again. When all buttons are pressed REST 00 appears.

AUTOBETICAL MODE (TA-KSL7: AEP, UK)

* This mode is installed in the Europe models only. When this mode is used, the receiver scans the broadcasts that can be received by tuner, and sets up the broadcasts. Be sure to start scanning after connecting the antenna.
  Procedure:
  Check that the antenna is connected. Press the I/⏻ button while pressing the ENTER button to turn on the power. The message appears and scanning starts by tuner.

SOFTWARE VERSION DISPLAY MODE

* The software version is displayed.
* Procedure:
  While depressing the SOUND FIELD – and the > cursor buttons simultaneously, press the power I/⏻ button to turn on the main power. The model name, destination and the software version are displayed.

SECTION 3
DIAGRAMS

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this necessary note is printed in each block.)

For schematic diagrams.
Note:

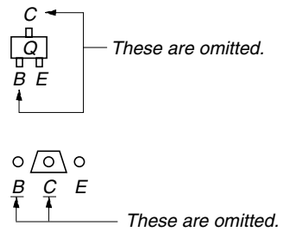
- All capacitors are in µF unless noted. p : pF. 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- △ : internal component.
- ▭ : panel designation.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	**Note:** Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。	

- ▬▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  No mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : ANALOG
  ⇛ : DIGITAL
  ⇛ : DVD
- Abbreviation
  CND : Canadian model
  MY : Malaysia model
  SP : Singapore model
  CH : Chinese model
  MX : Mexican model

For printed wiring boards.
Note:

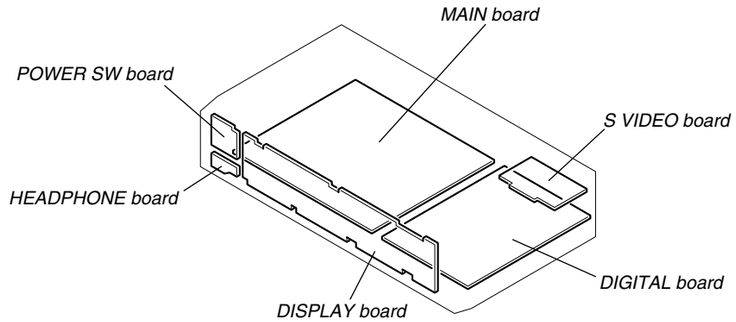
- o——— : parts extracted from the component side.
- ○ : Through hole.
- △ : internal component.
- ▬ : Pattern from the side which enables seeing.



Caution:	
Pattern face side: (Side A)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side B)	Parts on the parts face side seen from the parts face are indicated.

- MAIN board consists of multiple layers.
  However, only the sides (layers) A and B are shown.

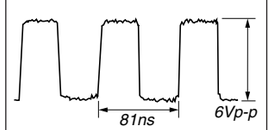
• CIRCUIT BOARDS LOCATION



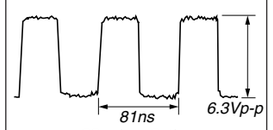
• WAVEFORMS

– DIGITAL BOARD –

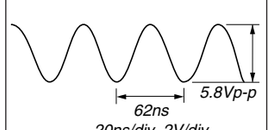
① IC506 ⑤



② IC701 ⑨

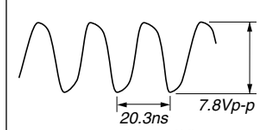


③ IC101 ⑧③

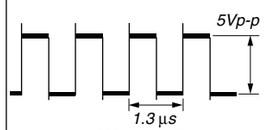


– MAIN BOARD –

④ IC306 ④

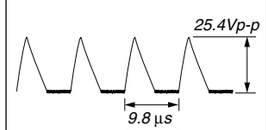


⑤ IC309 ㉔



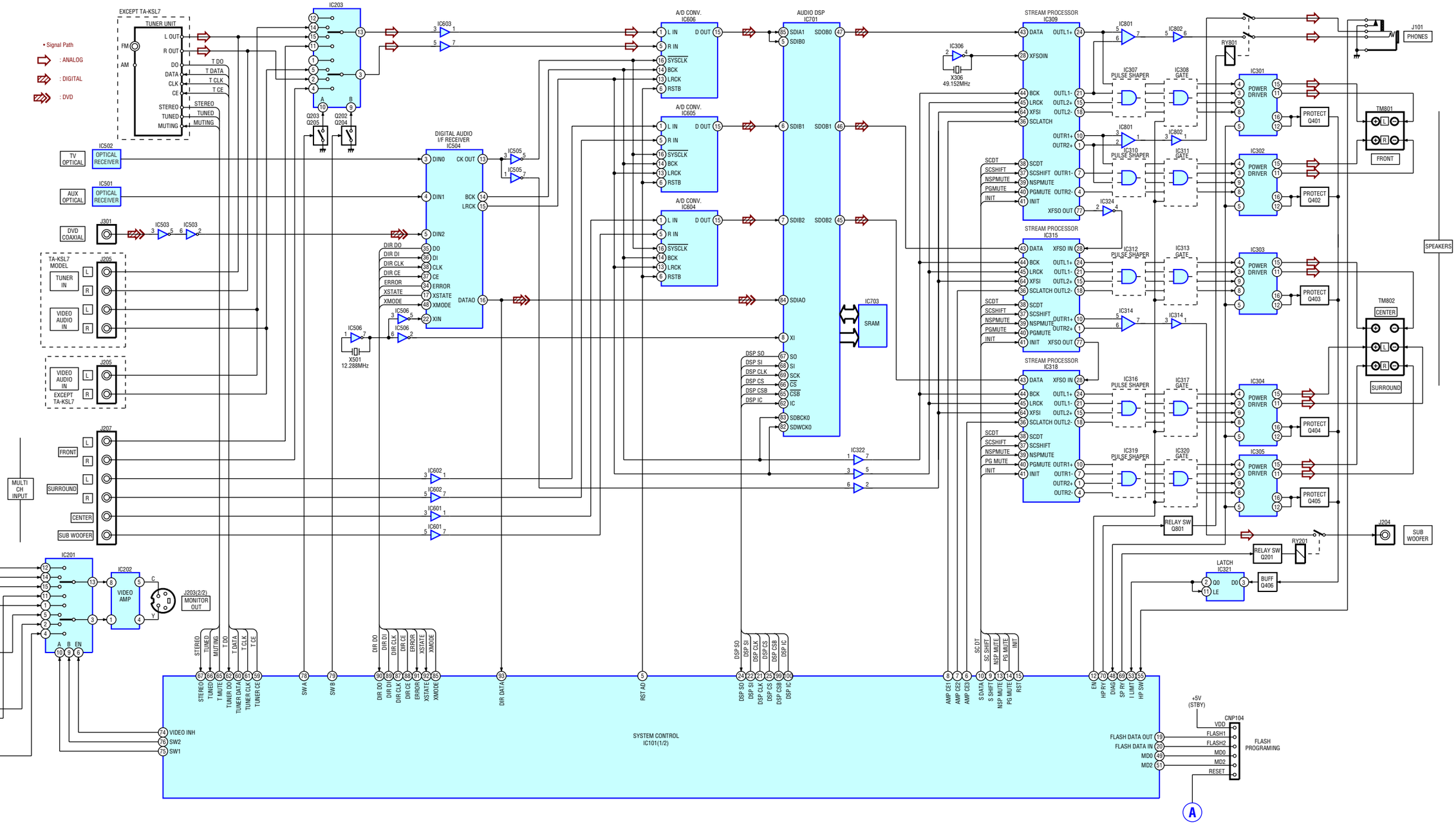
– DISPLAY BOARD –

⑥ Q153 collector

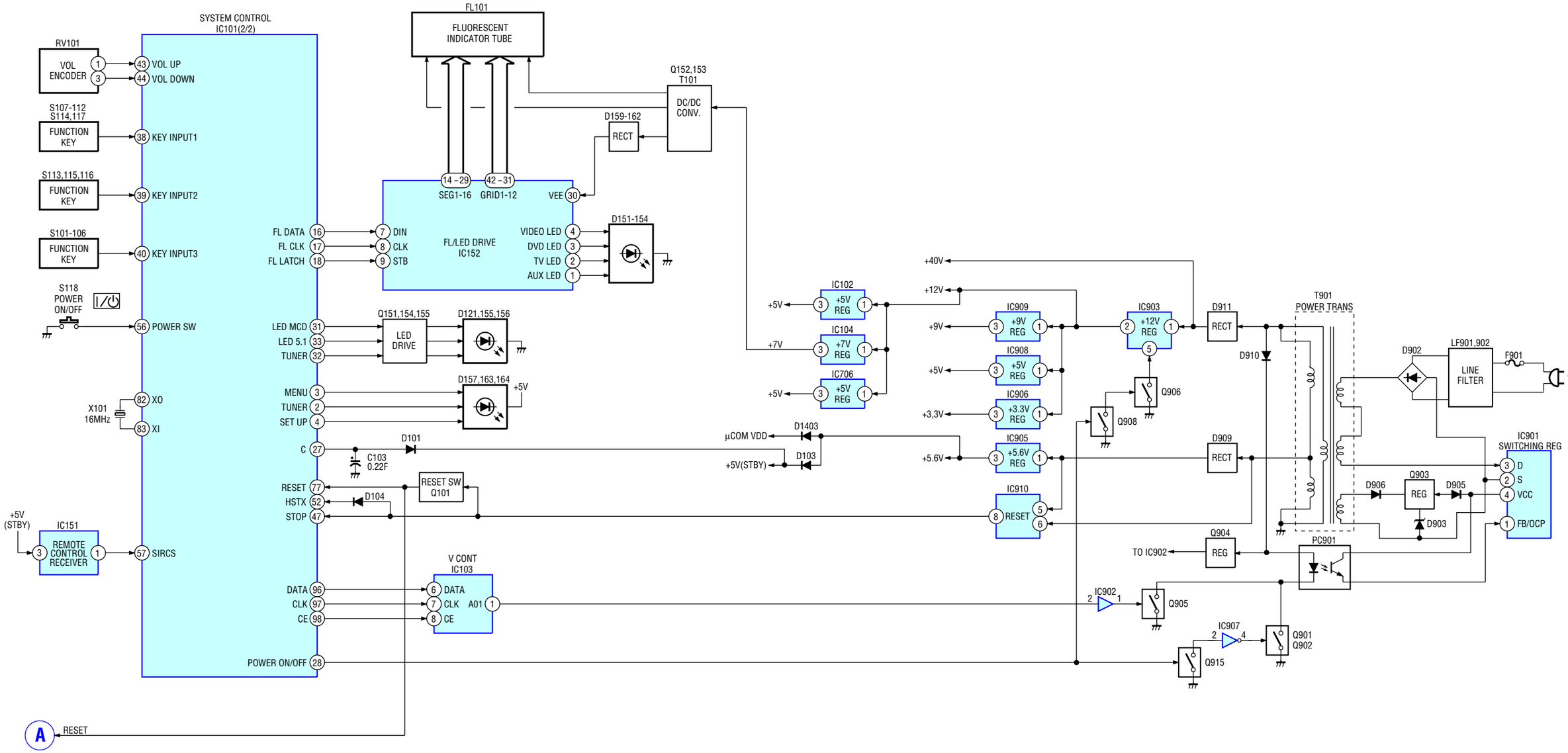


STR-KSL7/SL7/TA-KSL7

3-1. BLOCK DIAGRAMS
– MAIN SECTION –



– DISPLAY/POWER SECTION –

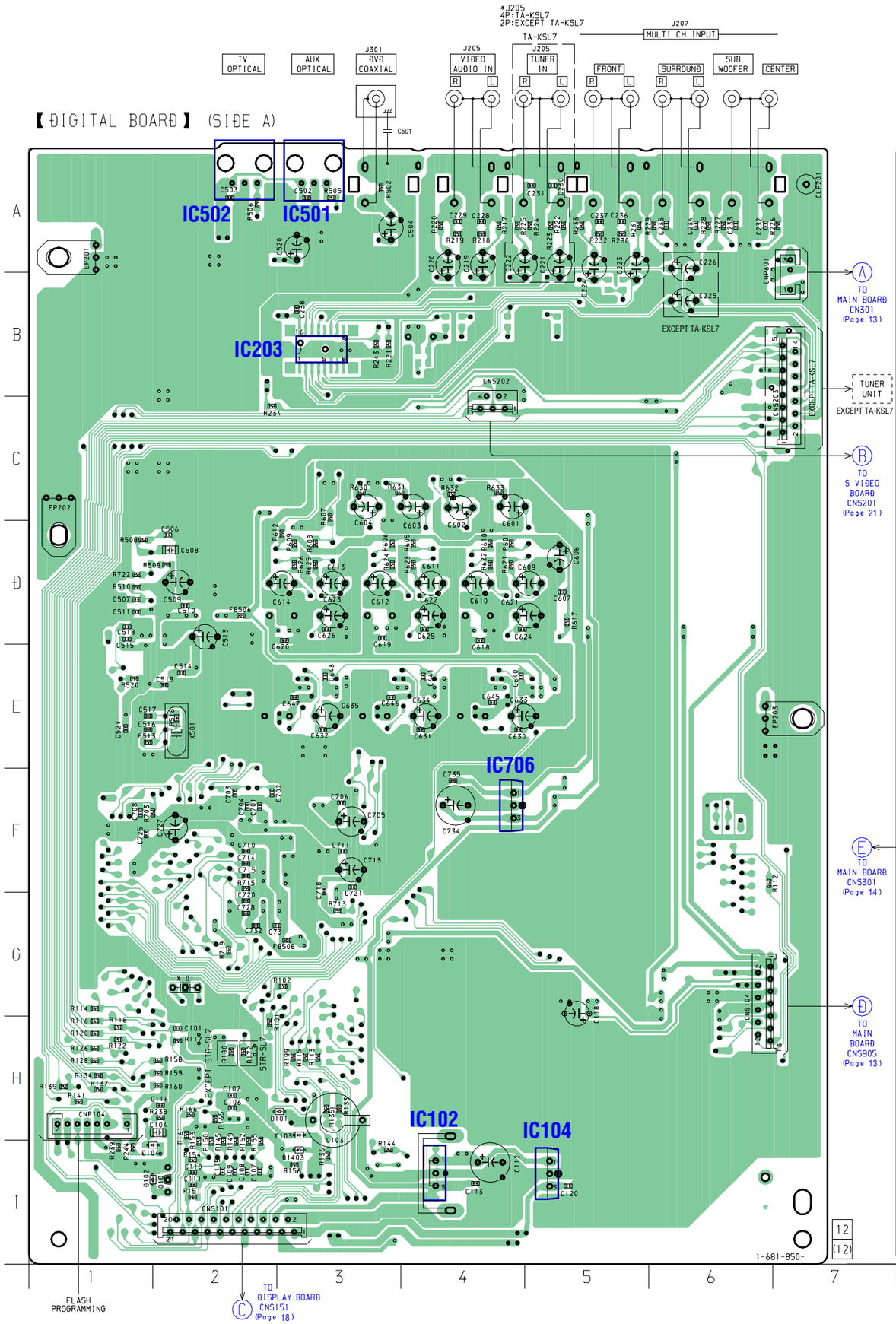


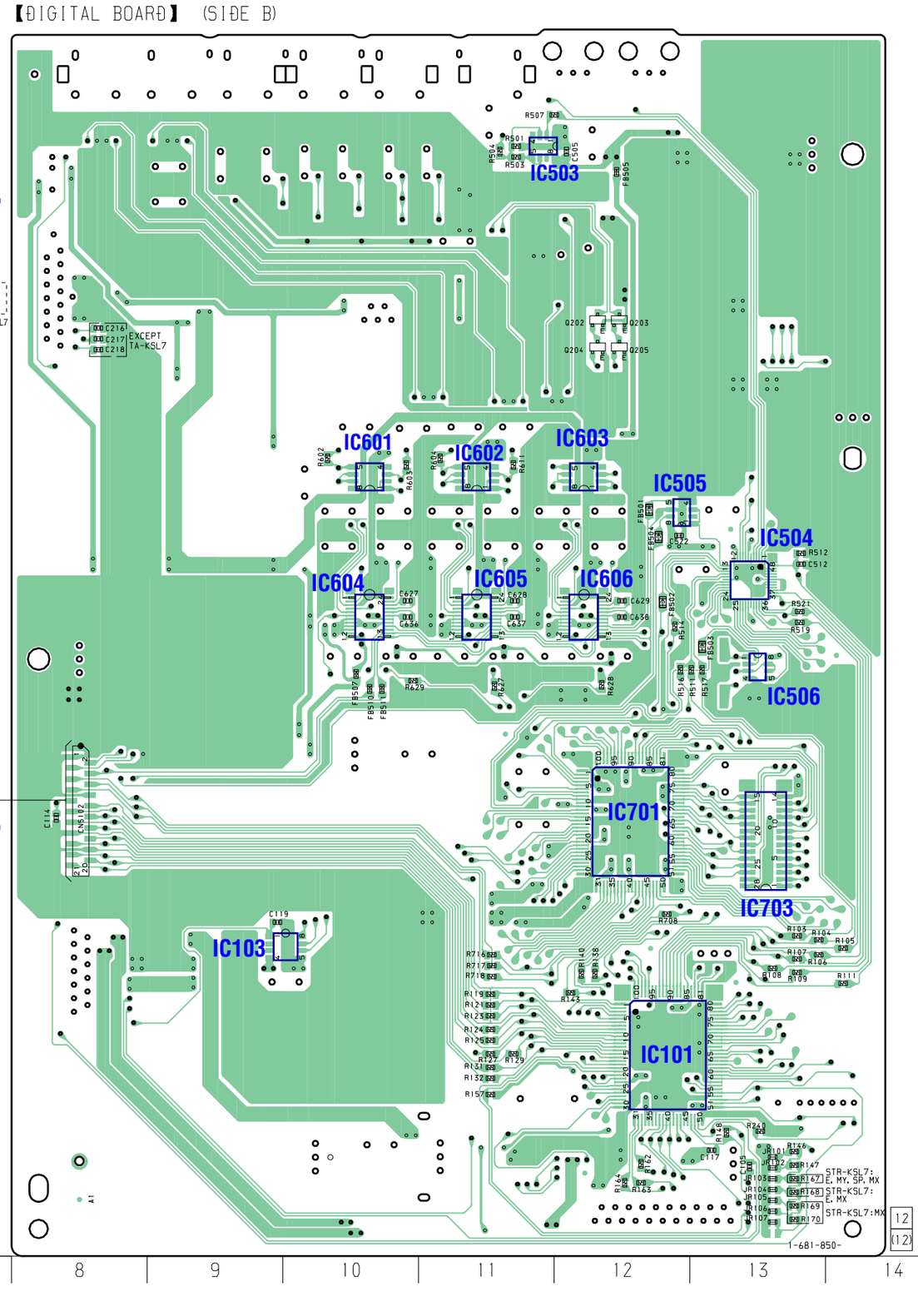
3-2. PRINTED WIRING BOARD – DIGITAL SECTION –

• : Uses unleaded solder. • See page 7 for Circuit Boards Location.

• Semiconductor Location

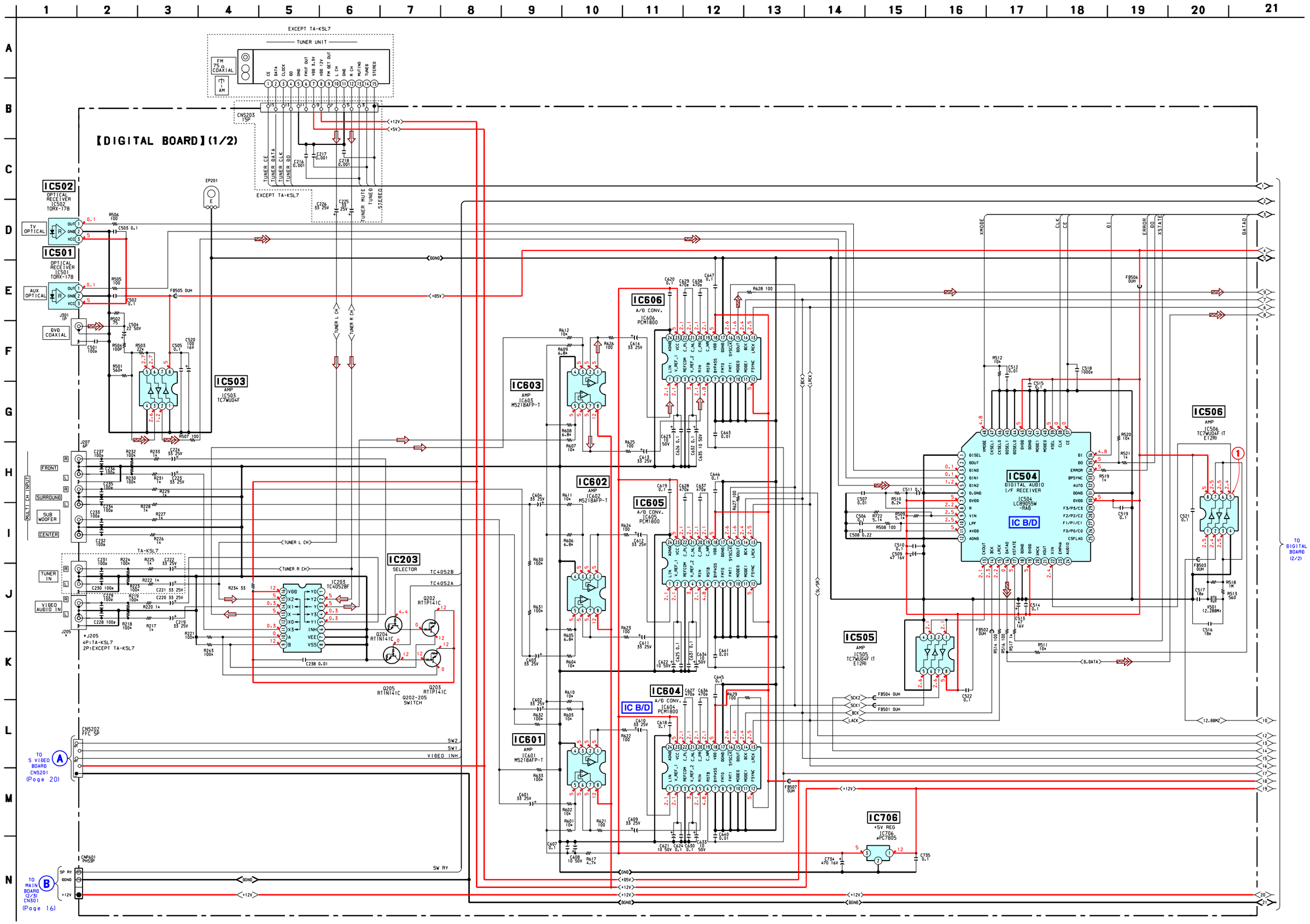
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D101	H-3	IC101	H-12	IC502	A-2	IC602	D-11	IC703	F-13	Q204	C-12
D102	I-2	IC102	I-4	IC503	A-11	IC603	D-12	IC706	F-4	Q205	C-12
D103	H-3	IC103	G-9	IC504	D-13	IC604	E-10				
D104	I-2	IC104	I-5	IC505	D-12	IC605	E-11	Q101	I-2		
D1403	I-3	IC203	B-3	IC506	E-13	IC606	E-12	Q202	C-12		
		IC501	A-3	IC601	D-10	IC701	F-12	Q203	C-12		





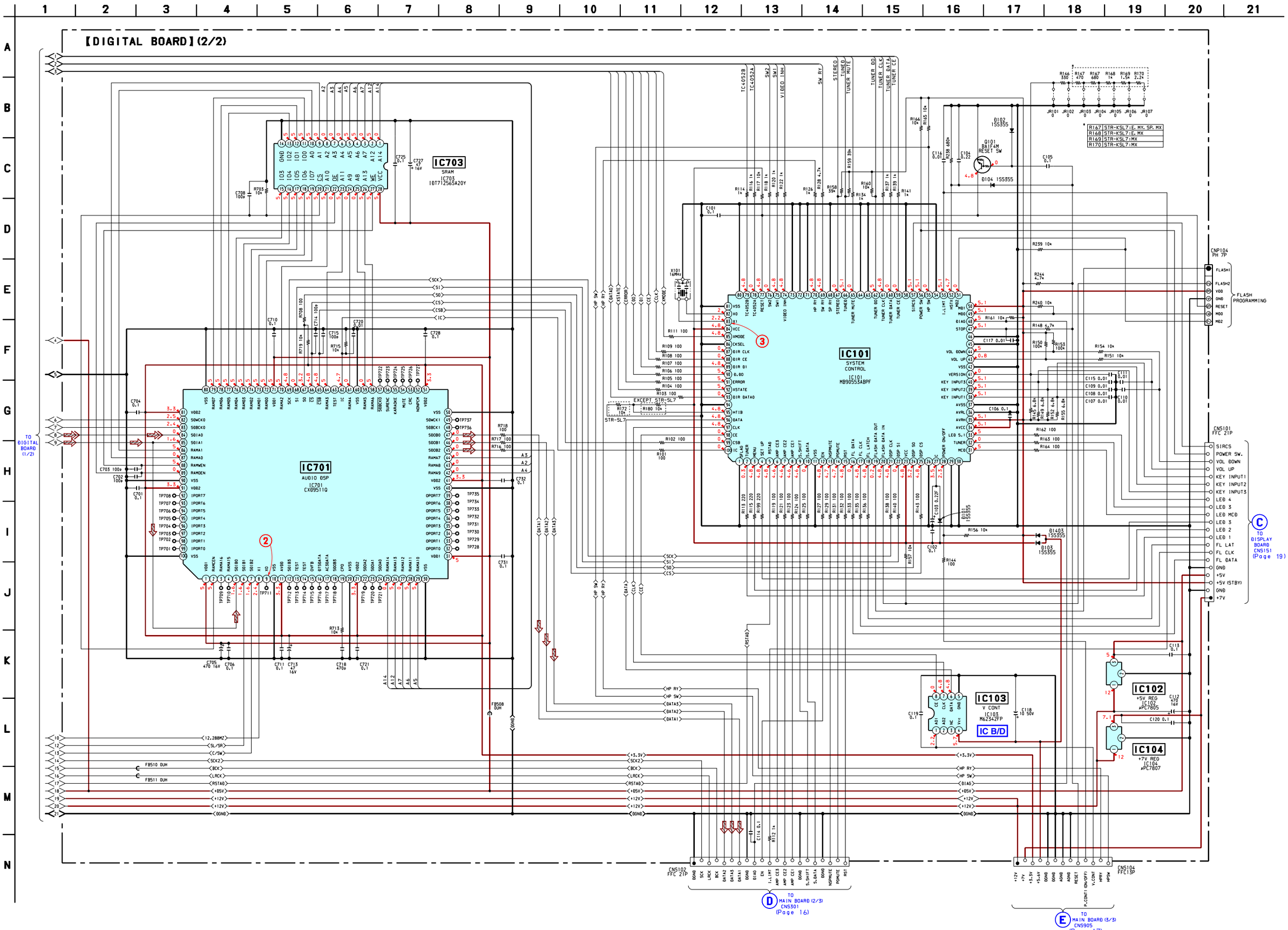
3-3. SCHEMATIC DIAGRAM – DIGITAL SECTION (1/2) –

• See page 7 for Waveforms. • See page 22, 23 for IC Block Diagrams.



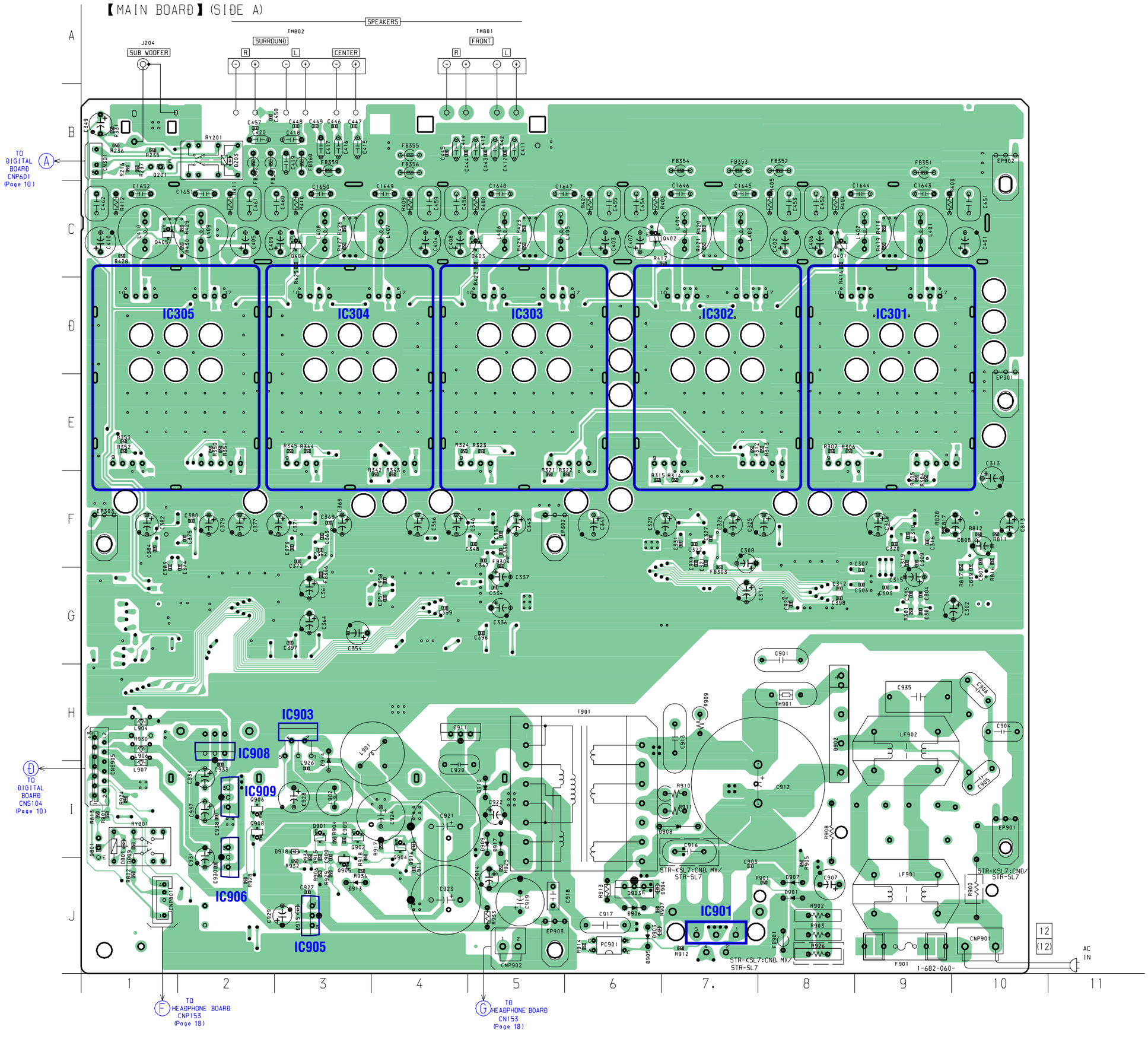
3-4. SCHEMATIC DIAGRAM – DIGITAL SECTION (2/2) –

• See page 7 for Waveforms. • See page 22 for IC Block Diagrams. • See page 25, 27 for IC Pin Function Description.



3-5. PRINTED WIRING BOARD – MAIN SECTION (1/2) –

• See page 7 for Circuit Boards Location.

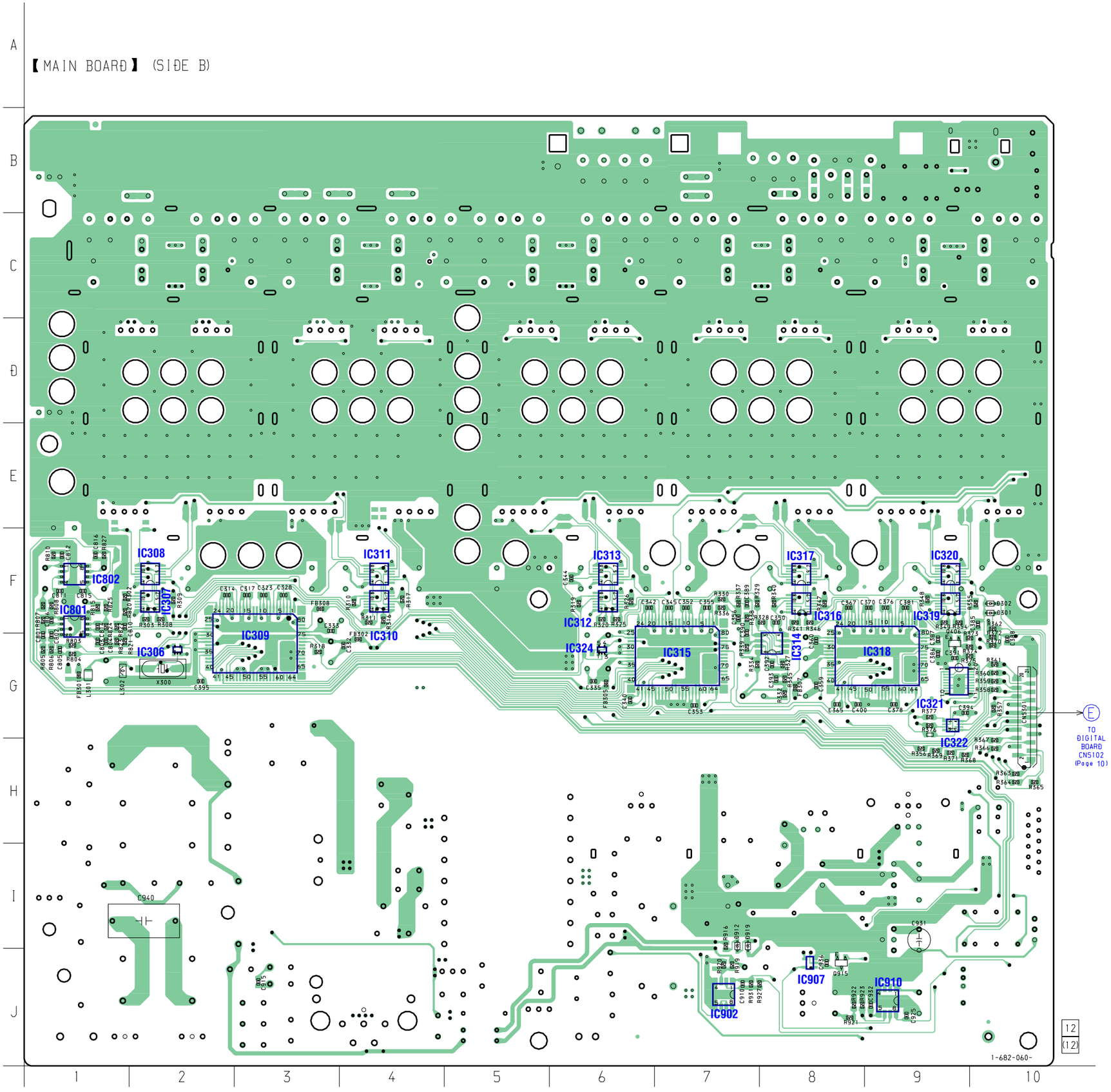


• **Semiconductor Location**

Ref. No.	Location
D203	B-2
D801	I-1
D901	J-8
D902	J-8
D903	J-6
D904	J-6
D905	J-6
D906	J-6
D907	J-8
D908	I-7
D909	I-5
D910	I-5
D911	H-4
D913	J-3
D914	I-3
D915	J-3
D916	I-4
D917	I-5
D918	I-3
IC301	D-9
IC302	D-7
IC303	D-5
IC304	D-3
IC305	D-2
IC901	J-7
IC903	H-3
IC905	J-3
IC906	J-2
IC908	H-2
IC909	I-2
Q201	B-1
Q401	C-8
Q402	C-6
Q403	C-5
Q404	C-3
Q405	C-1
Q801	I-1
Q901	I-3
Q902	I-3
Q903	J-6
Q904	I-4
Q905	J-3
Q906	I-2
Q908	I-2

3-6. PRINTED WIRING BOARD – MAIN SECTION (2/2) –

• See page 7 for Circuit Boards Location.

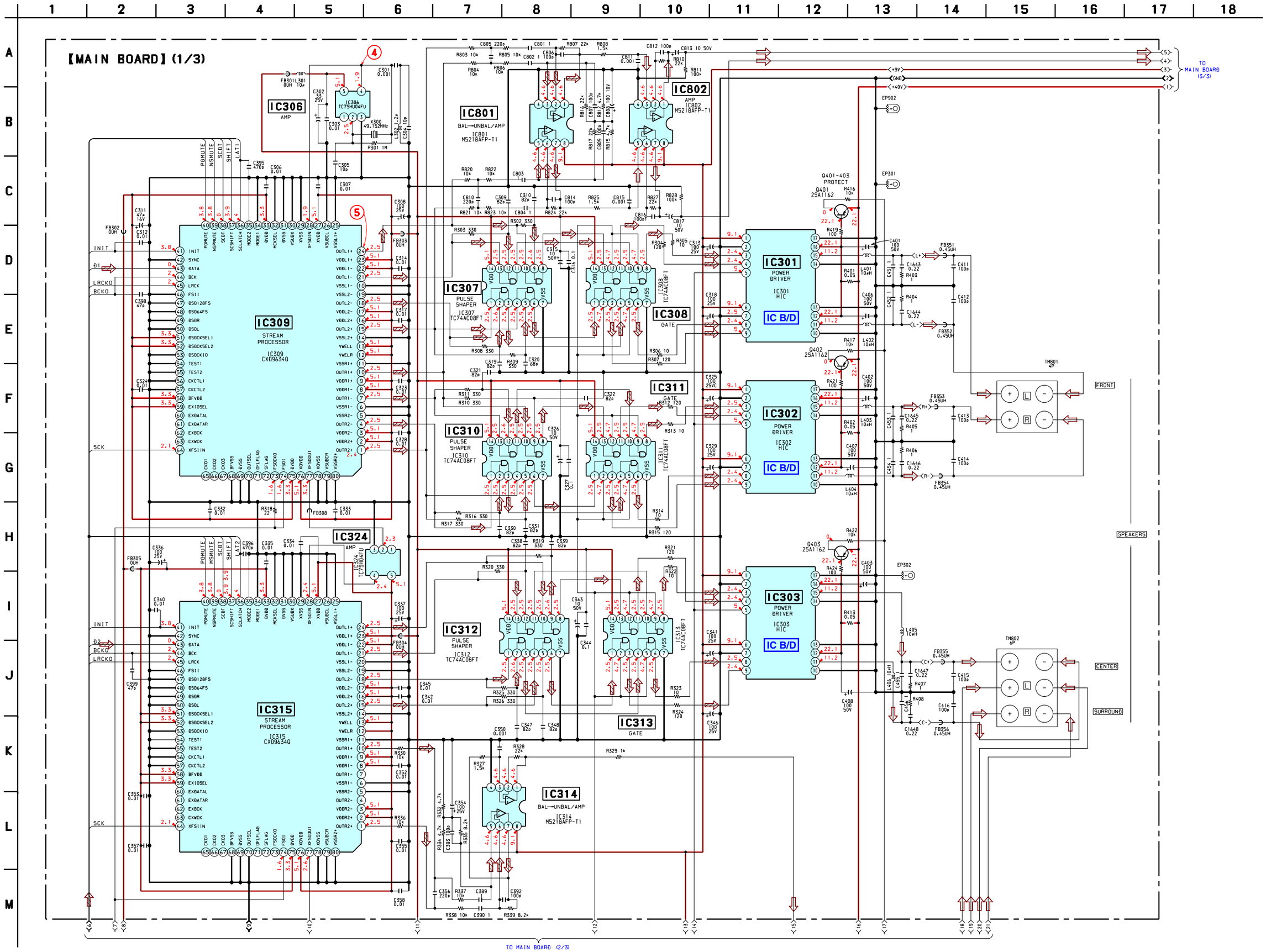


- **Semiconductor Location**

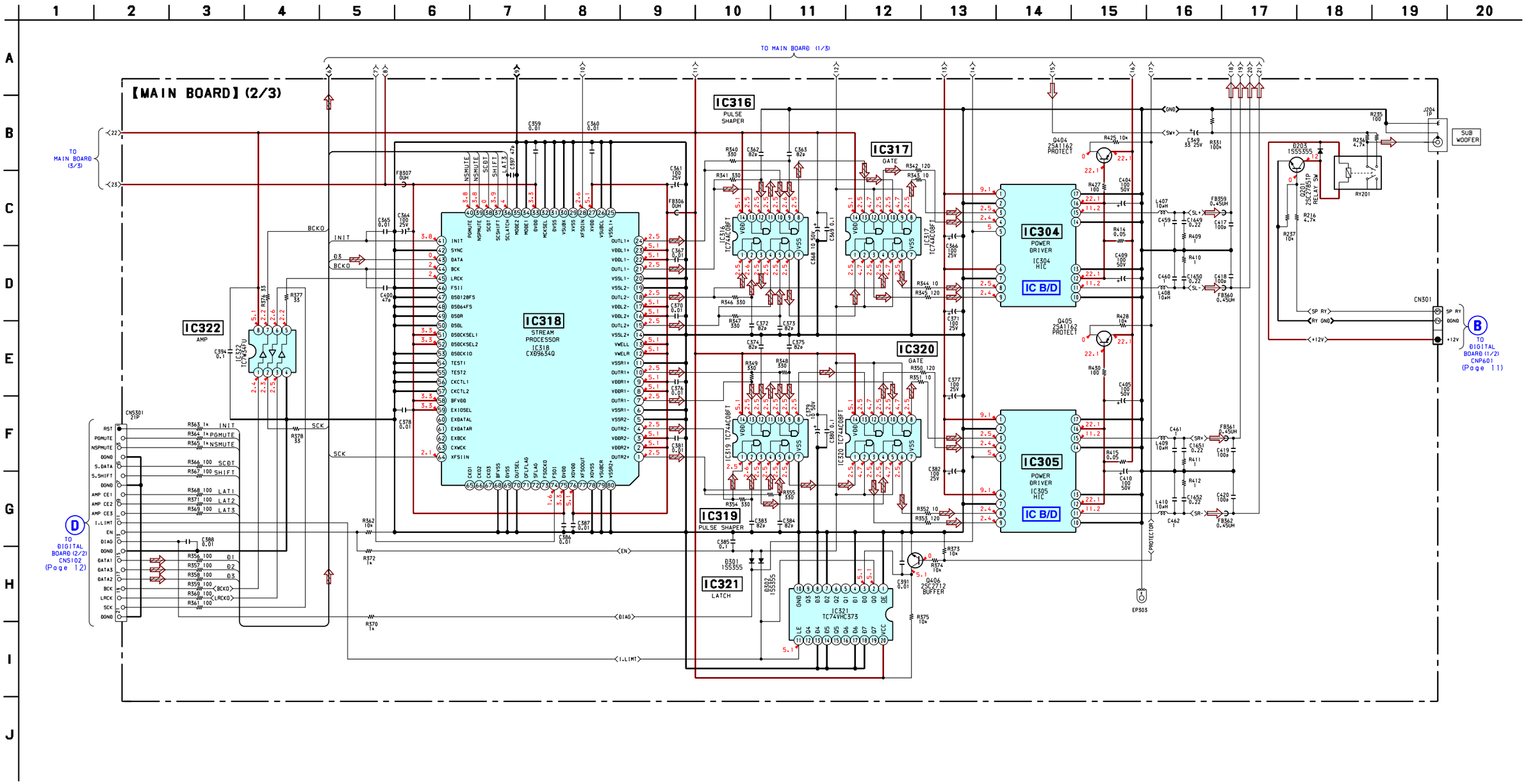
Ref. No.	Location
D301	F-10
D302	F-10
D912	I-7
D919	I-7
IC306	G-2
IC307	F-2
IC308	F-2
IC309	G-3
IC310	F-4
IC311	F-4
IC312	F-6
IC313	F-6
IC314	G-8
IC315	G-7
IC316	F-8
IC317	F-8
IC318	G-9
IC319	F-9
IC320	F-9
IC321	G-9
IC322	G-9
IC324	G-6
IC801	F-1
IC802	F-1
IC902	J-7
IC907	J-8
IC910	J-9
Q406	G-9
Q915	J-8

3-7. SCHEMATIC DIAGRAM – MAIN SECTION (1/3) –

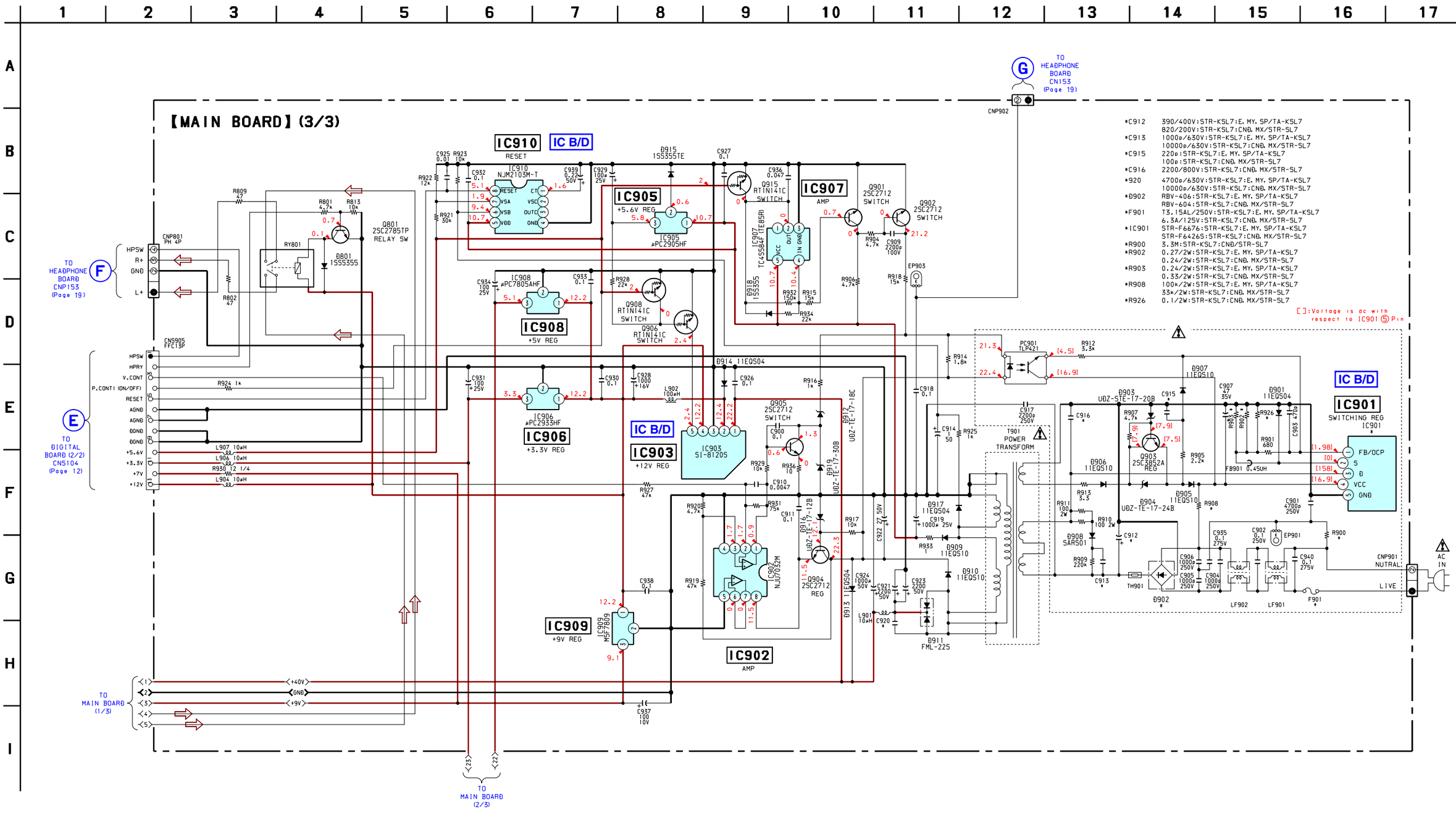
• See page 7 for Waveforms. • See page 23 for IC Block Diagrams.



3-8. SCHEMATIC DIAGRAM – MAIN SECTION (2/3) – • See page 23 for IC Block Diagrams.



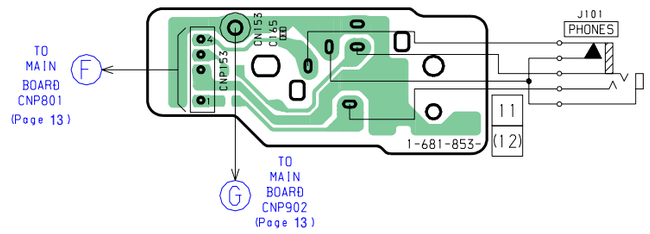
3-9. SCHEMATIC DIAGRAM – MAIN SECTION (3/3) – • See page 24 for IC Block Diagrams.



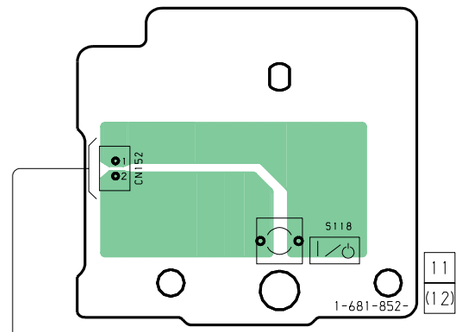
3-10. PRINTED WIRING BOARD – PANEL SECTION –

• : Uses unleaded solder. • See page 7 for Circuit Boards Location.

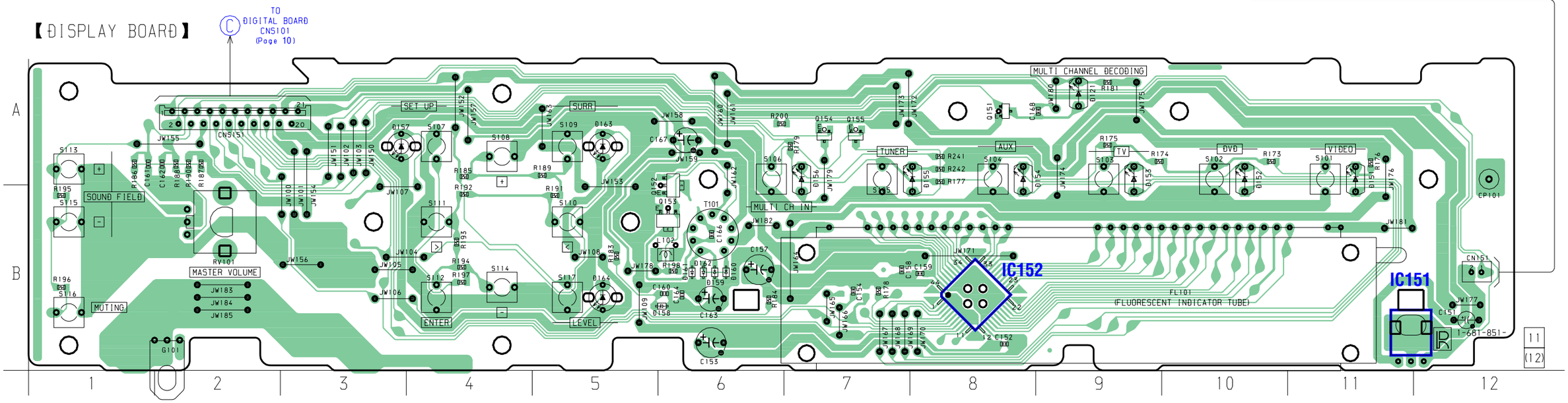
【HEADPHONE BOARD】



【POWER SW BOARD】



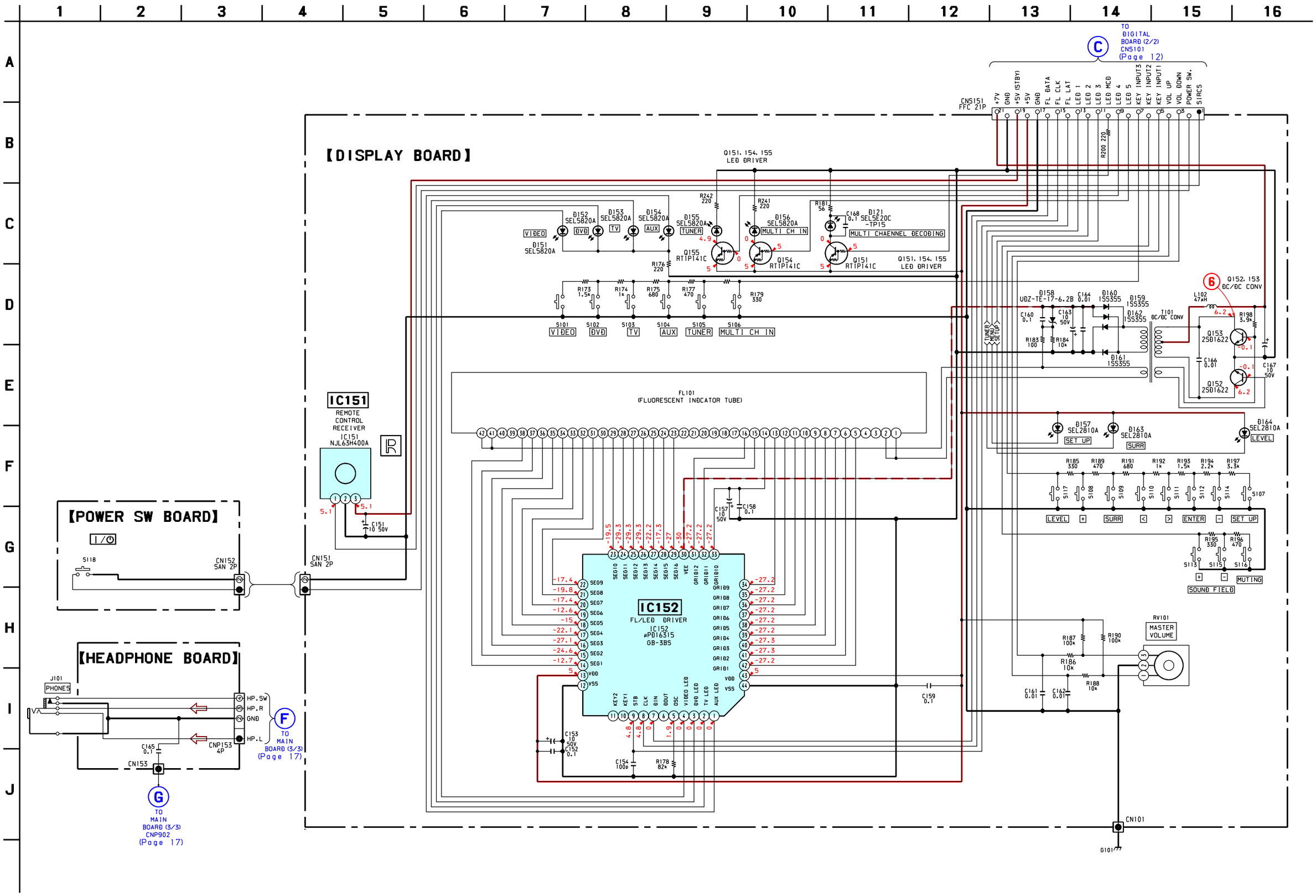
【DISPLAY BOARD】



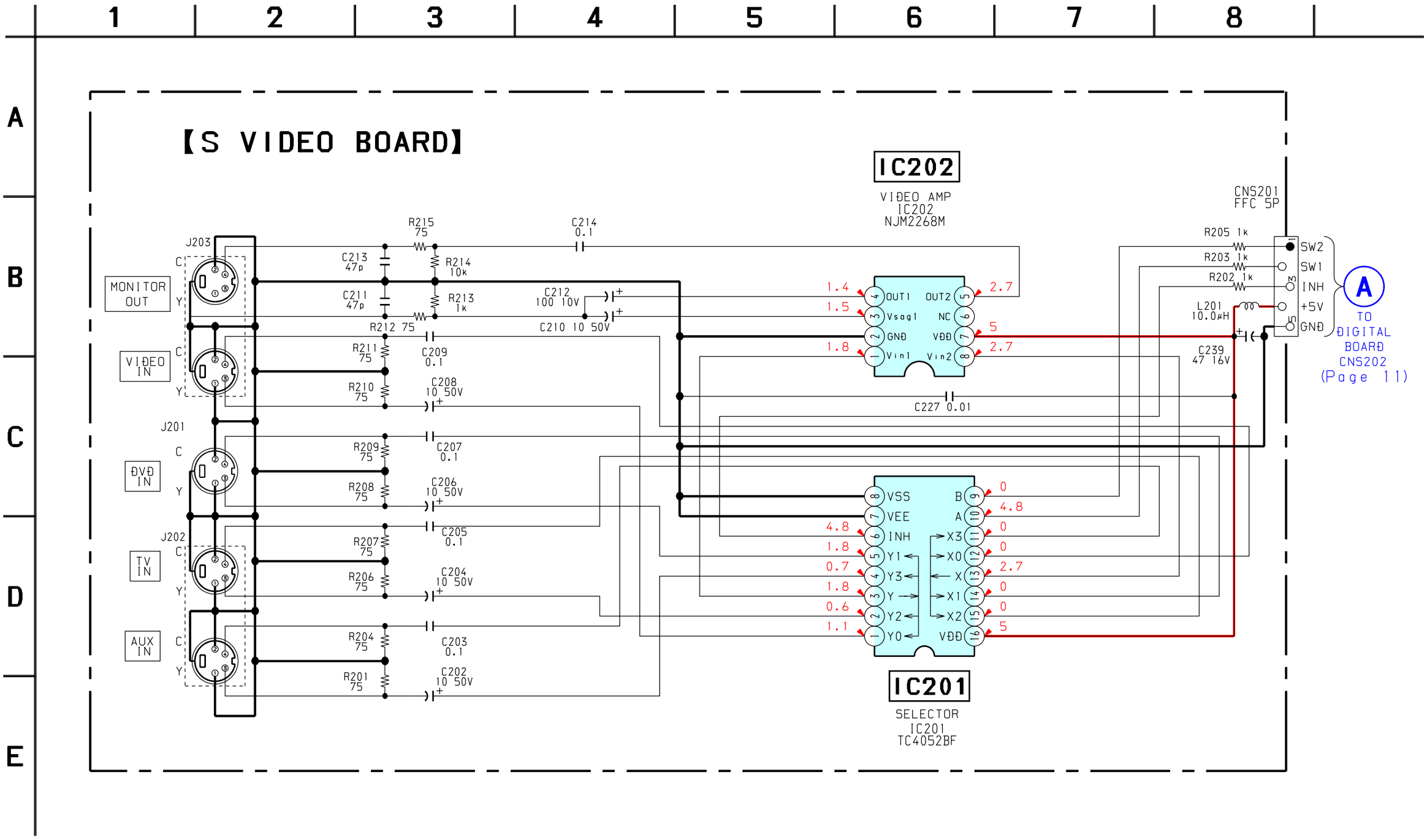
• **Semiconductor Location**

Ref. No.	Location
D121	A-9
D151	A-11
D152	A-10
D153	A-9
D154	A-8
D155	A-8
D156	A-7
D157	A-3
D158	B-6
D159	B-6
D160	B-6
D161	B-6
D162	B-6
D163	A-5
D164	B-5
IC151	B-11
IC152	B-8
Q151	A-8
Q152	B-6
Q153	B-6
Q154	A-7
Q155	A-7

3-11. SCHEMATIC DIAGRAM – PANEL SECTION – • See page 7 for Waveforms.

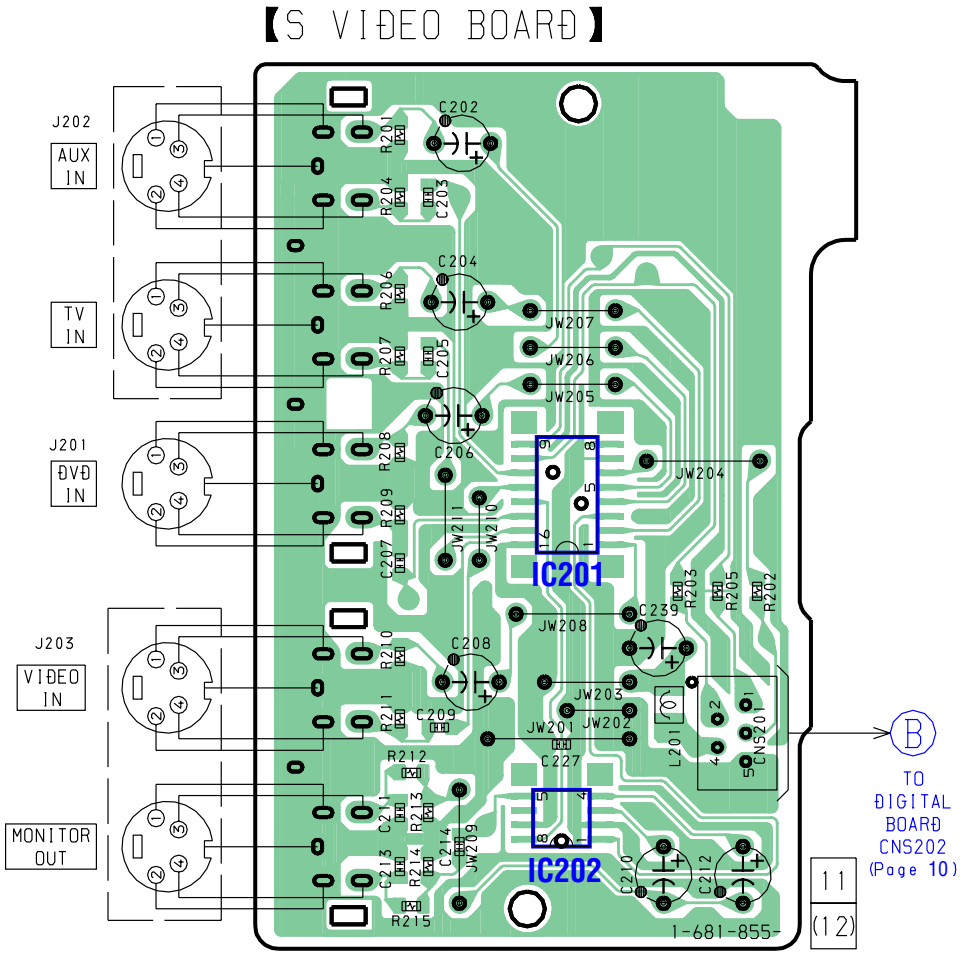


3-12. SCHEMATIC DIAGRAM – VIDEO SECTION –



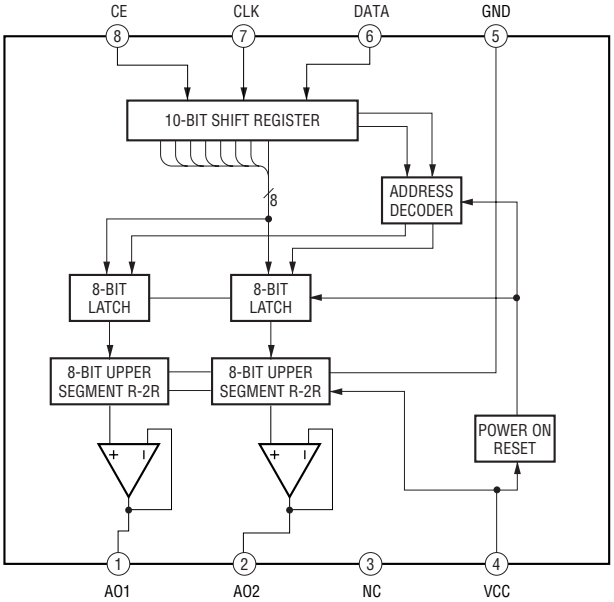
3-13. PRINTED WIRING BOARD – VIDEO SECTION –

• : Uses unleaded solder.
• See page 7 for Circuit Boards Location.

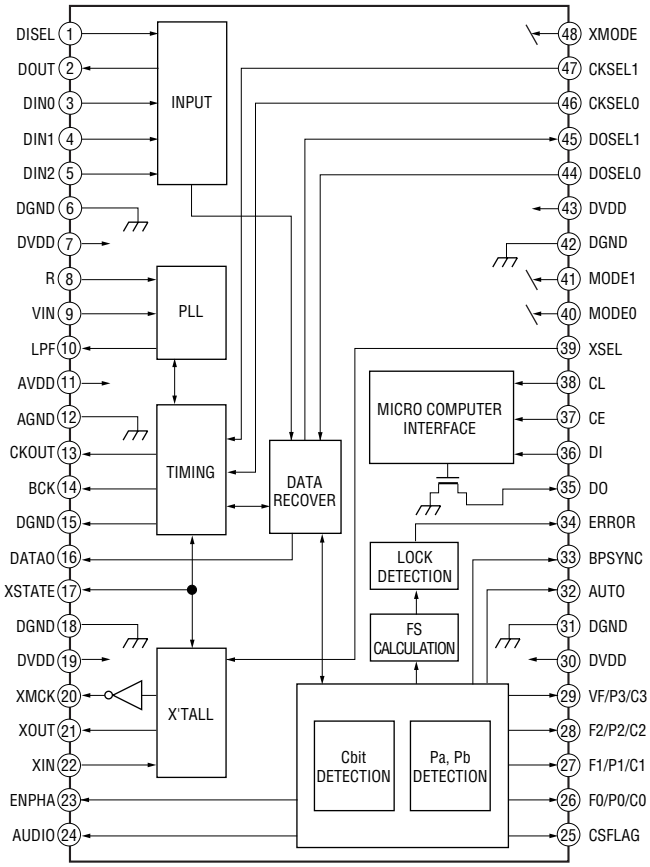


3-14. IC BLOCK DIAGRAMS

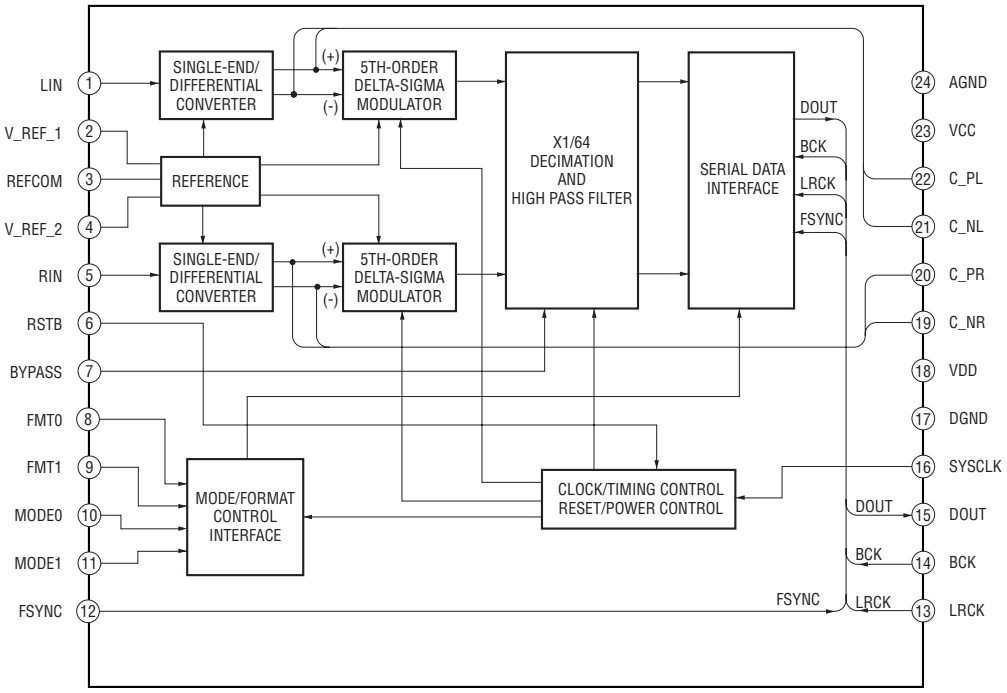
IC103 M62342FP (DIGITAL BOARD)



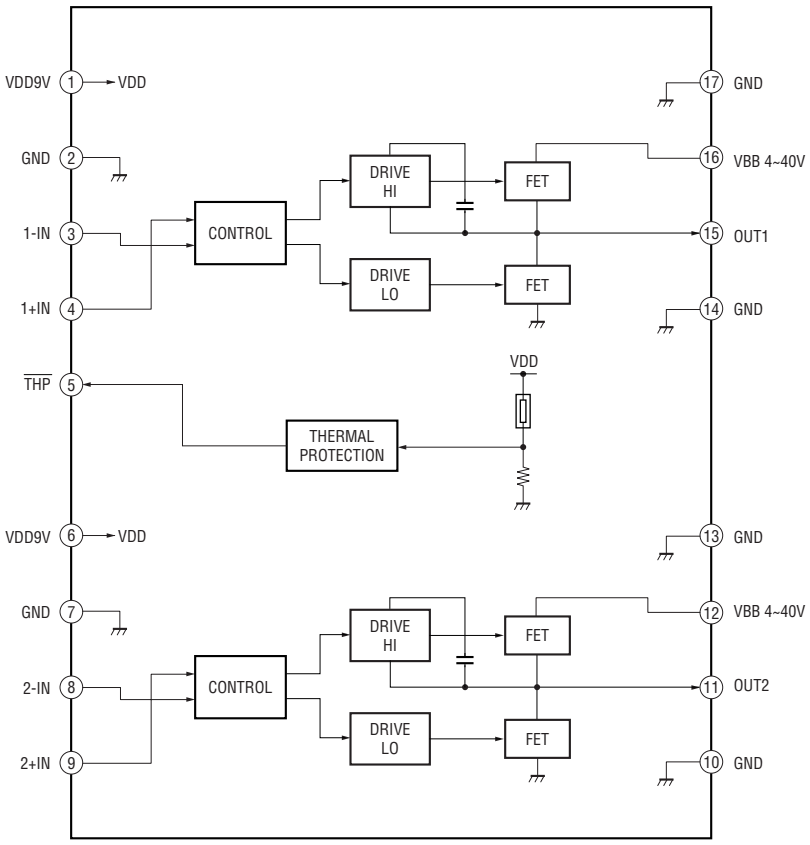
IC504 LC89055W-RA8 (DIGITAL BOARD)



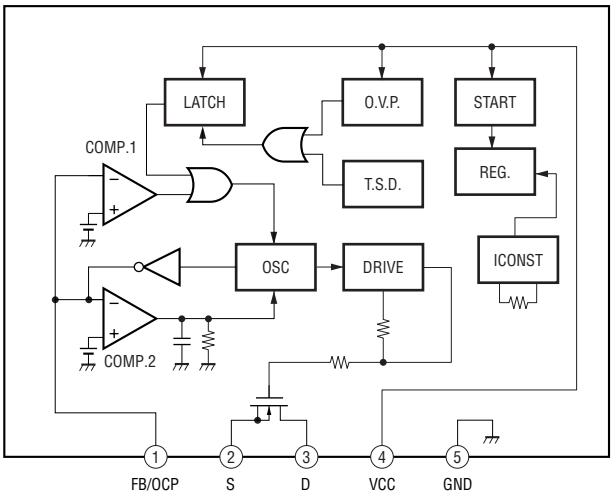
IC604 PCM1800E (DIGITAL BOARD)



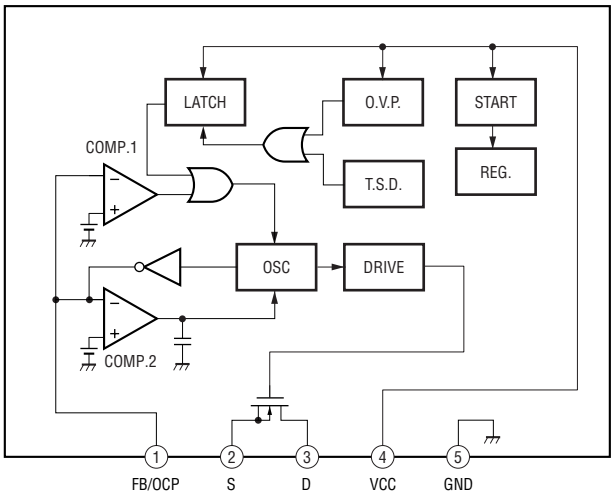
IC301-305 MODULE (MAIN BOARD)



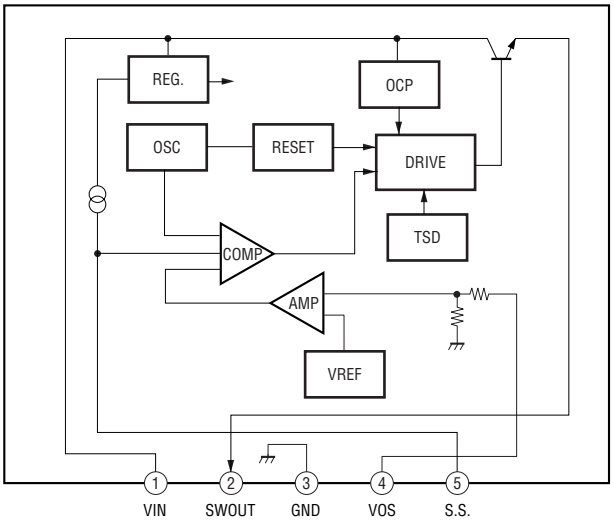
IC901 STR-F-6676 (MAIN BOARD)



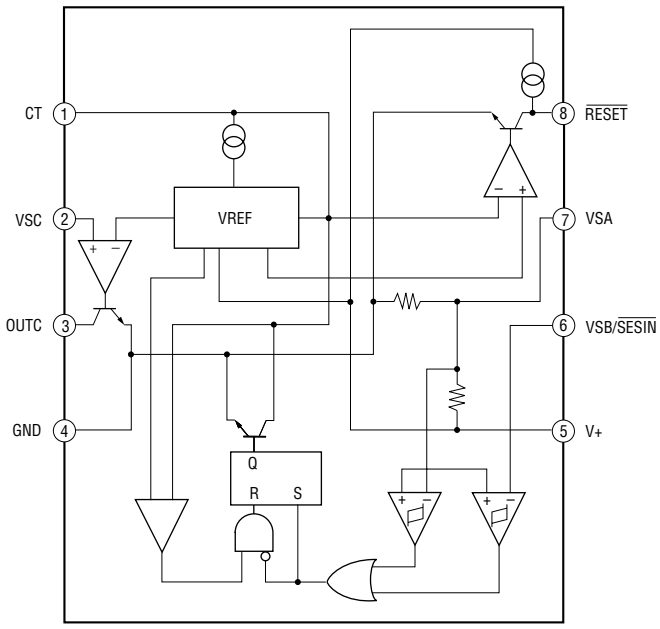
IC901 STR-F6426S (MAIN BOARD)



IC903 SI-8120S (MAIN BOARD)



IC910 NJM2103M-TE2 (MAIN BOARD)



3-15. IC PIN FUNCTION DESCRIPTIONS

• IC101 MB90553ABPF-G-209-BND (SYSTEM CONTROL) (DIGITAL BOARD)

Pin No.	Pin Name	I/O	Description
1	SFLAG	I	Not used (connected to ground)
2	TUNER	O	SURR LED control signal output
3	MENU	O	LEVEL LED control signal output
4	SET UP	O	SET UP LED control signal output
5	RSTAD	O	Reset signal output to ADC
6	AMP CE3	O	Serial control latch signal output to IC309
7	AMP CE2	O	Serial control latch signal output to IC315
8	AMP CE1	O	Serial control latch signal output to IC318
9	S.SHIFT	O	Serial control shift clock signal output to IC309, IC315 and IC318
10	S.DATA	O	Serial control data signal output to IC309, IC315 and IC318
11	VSS	—	Ground
12	EN	O	Output enable signal output
13	NSPMUTE	O	Noise shaper register clear signal output to IC309, IC315 and IC318
14	PGMUTE	O	Gain muting control signal output to IC309, IC315 and IC318
15	RST	O	Reset signal output to IC309, IC315 and IC318
16	FL DATA	O	Serial control data output to the FL driver
17	FL CLK	O	Clock signal output to the FL driver
18	FL LATCH	O	Latch signal output to the FL driver
19	FLASH DATA OUT	I	Terminal for flash programming
20	FLASH DATA IN	I	Terminal for flash programming
21	DSP CLK	O	Clock output to Sub DSP
22	DSP SI	O	Serial data output to Sub DSP
23	VCC	—	Power supply
24	DSP SO	I	Serial data input from DSP
25	DSP CS	O	Chip select signal output to DSP
26	P47	I	Not used (connected to ground)
27	C	—	Terminal of a capacitor for regulating the power supply
28	POWER ON/OFF	O	Power on/off control signal output (ON : H, OFF : L)
29 to 30	P51 - 52	I	Not used (connected to ground)
31	MCD	O	MULTI CHANNEL DECODING LED control signal output
32	TUNER	O	TUNER LED control signal output
33	LED 5.1	O	MULTI CH IN LED control signal output
34	AVCC	—	A/D converter power supply
35	AVRH	—	A/D converter external voltage source
36	AVRL	—	A/D converter external voltage source
37	AVSS	—	A/D converter ground
38	KEY INPUT1	I	Key data signal input from S107 - 114, 117
39	KEY INPUT2	I	Key data signal input from S113, 115, 116
40	KEY INPUT3	I	Key data signal input from S101 - 106
41	VERSION	I	Version setting input
42	VSS	—	Ground
43	VOL UP	I	Volume signal input from the rotary encoder
44	VOL DOWN	I	Volume signal input from the rotary encoder
45 to 46	P66 - 67	I	Not used (connected to ground)
47	STOP	I	Power stop detection signal input
48	DIAG	I	Thermal protection detection signal input from the power driver
49	MD0	I	Terminal for flash programming
50	MD1	I	Operation mode setting input
51	MD2	I	Terminal for flash programming
52	HSTX	I	Hardware standby input

Pin No.	Pin Name	I/O	Description
53	I.LIMIT	I	Over current detection signal input from the power driver
54	P73	I	Not used (connected to ground)
55	HP SW	I	Headphone detection signal input
56	POWER SW	I	Power switch detection signal input
57	SIRCS	I	Data input from the remote control receiver
58	P77	I	Not used (connected to ground)
59	TUNER CE	O	Serial control latch signal output to the tuner
60	TUNER DATA	O	Serial control data output to the tuner
61	TUNER CLK	O	Serial control clock output to the tuner
62	TUNER DO	I	Data input from the tuner
63 to 64	P84 - 85	I	Not used (connected to ground)
65	TUNER MUTE	O	Muting control signal output to the tuner
66	TUNED	I	Tuning a frequency detection signal input from the tuner
67	STEREO	I	STEREO tuning signal input from the tuner
68	SP RY	I	Not used (connected to ground)
69	SW RY	O	Sub woofer relay control signal output
70	HP RY	O	Headphone relay control signal output
71 to 73	P94 - 96	I	Not used (connected to ground)
74	VIDEO INH	O	Video output muting control signal output
75	SW1	O	Video input selection signal output
76	SW2	O	Video input selection signal output
77	RESET	I	System reset input
78	TC4052A	O	Analog input selection signal output
79	TC4052B	O	Analog input selection signal output
80	PA4	I	Not used (connected to ground)
81	VSS	—	Ground
82	X0	I	Terminal for a oscillator
83	X1	O	Terminal for a oscillator
84	VCC	—	Power supply
85	XMODE	O	Reset signal output to DIR
86	CKSEL	I	Not used (connected to ground)
87	DIR CLK	O	Clock signal output to DIR
88	DIR CE	O	Chip enable signal output to DIR
89	DIR DI	O	Write data output to DIR
90	D.DO	I	Read data input from DIR
91	ERROR	I	PLL lock error, data error flag input from DIR
92	XSTATE	I	Source clock selection monitor input from DIR
93	DIR DATAO	I	Data input from DIR
94	P11	I	Not used (connected to ground)
95	HTIB	I	Terminal for package selection (STR : L, HT : H)
96	DATA	O	Data output to DAC
97	CLK	O	Clock output to DAC
98	CE	O	Chip enable signal output to DAC
99	CSB	O	Sub DSP chip select signal output to DSP
100	IC	O	Initial clear signal output to DSP

• IC701 CXD9511AQ-1 (AUDIO DSP) (DIGITAL BOARD)

Pin No.	Pin Name	I/O	Description
1	VDD1	—	Power supply (+5V for I/Os)
2	RAMCEN	O	External SRAM interface $\overline{CE}$
3 , 4	RAMA16 - 15	O	External SRAM interface address 16 -15 Not used (open)
5 to 7	SDIB0 - 2	I	PCM input 0 - 2 to Sub DSP
8	XI	I	Crystal oscillator connection (12.288MHz)
9	XO	O	Crystal oscillator connection Not used (open)
10	VSS	—	Ground
11	AVDD	—	Power supply (+3.3V for PLL circuit)
12	SDIB3	I	PCM input 3 to Sub DSP Not used (open)
13 , 14	TEST	—	Test terminal (to be open in normal use)
15	OVFB	O	Detection of overflow at Sub DSP Not used (open)
16	DTSDATA	O	Detection of DTS data Not used (open)
17	AC3DATA	O	Detection of AC-3 Not used (open)
18	SDOB3	O	PCM output from Sub DSP Not used (open)
19	CPO	O	Output terminal for PLL
20	AVSS	—	Ground (for PLL circuit)
21	VDD2	—	Power supply (+3.3V for core logic)
22	SDOA2	O	PCM output from Main DSP (C, LFE) Not used (open)
23	SDOA1	O	PCM output from Main DSP (LS, RS) Not used (open)
24	SDOA0	O	PCM output from Main DSP (L, R) Not used (open)
25 to 29	RAMA14 - 10	O	External SRAM interface address 14 - 10
30	VSS	—	Ground
31	VDD1	—	Power supply (+5V for I/Os)
32 to 39	OPORT0 - 7	O	Output port for general purpose Not used (open)
40	VSS	—	Ground
41	VDD2	—	Power supply (+3.3V for core logic)
42 to 44	RAMA9 - 7	O	External SRAM interface address 9-7
45 to 47	SDOB2 - 0	O	PCM output from Sub DSP
48	SDBCK1	I	Bit clock input for SDOA, SDIB, SDOB Not used (open)
49	SDWCK1	I	Word clock input for SDOA, SDIB, SDOB Not used (open)
50	VSS	—	Ground
51	VDD2	—	Power supply (+3.3V for core logic)
52	NONPCM	O	Detection of non-PCM data Not used (open)
53	CRC	O	Detection of AC-3 CRC error Not used (open)
54	MUTE	O	Detection of auto mute Not used (open)
55	KARAOKE	O	Detection of AC-3 karaoke data Not used (open)
56	SURENC	O	Detection of AC-3 2/0 mode Dolby surround encoded input Not used (open)
57	$\overline{SDBCK0}$	O	Inverted SDBCK0 clock output Not used (open)
58 , 59	RAMA6 - 5	O	External SRAM interface address 6 -5
60	VSS	—	Ground
61	RAMA4	O	External SRAM interface address 4
62	$\overline{IC}$	I	Initial clear
63	TEST	—	Test terminal (to be open in normal use)
64	RAMA3	O	External SRAM interface address 3
65	$\overline{CSB}$	I	Sub DSP chip select
66	$\overline{CS}$	I	Microprocessor interface chip select input
67	SO	O	Microprocessor interface serial data output
68	SI	I	Microprocessor interface / Sub DSP serial data input
69	SCK	I	Microprocessor interface / Sub DSP clock input
70	RAMA2	O	External SRAM interface address 2

Pin No.	Pin Name	I/O	Description
71	VDD1	—	Power supply (+5V for I/Os)
72 to 79	RAMD0 - 7	I/O	External SRAM interface data (STREAM0 - 7 output when External SRAM is not in use)
80	VSS	—	Ground
81	VDD2	—	Power supply (+3.3V for core logic)
82	SDWCK0	I	Word clock input for SDIA, SDOA, SDIB, SDOB
83	SDBCK0	I	Bit clock input for SDIA, SDOA, SDIB, SDOB
84 , 85	SDIA0 - 1	I	AC-3 bitstream (or PCM) data input for Main DSP
86 , 87	RAMA1 - 0	O	External SRAM interface address 1 - 0
88	RAMWEN	O	External SRAM interface $\overline{WE}$
89	RAMOEN	O	External SRAM interface $\overline{OE}$
90	VSS	—	Ground
91	VDD2	—	Power supply (+3.3V for core logic)
92 to 99	IPORT7 - 0	I	Input port for general purpose Not used (open)
100	VSS	—	Ground

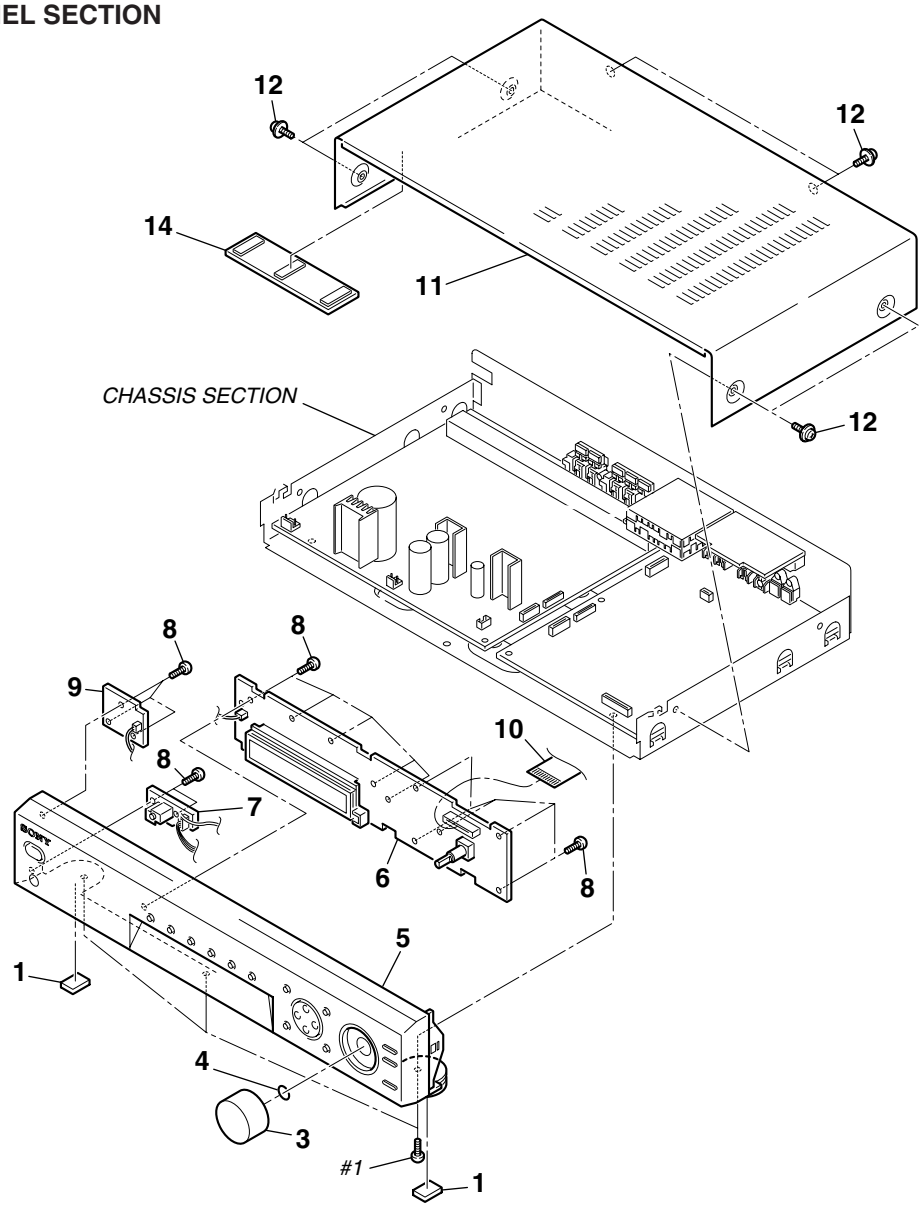
SECTION 4
EXPLODED VIEWS

NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation
  CND : Canadian model
  MY : Malaysia model
  SP : Singapore model
  CH : Chinese model
  MX : Mexican model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

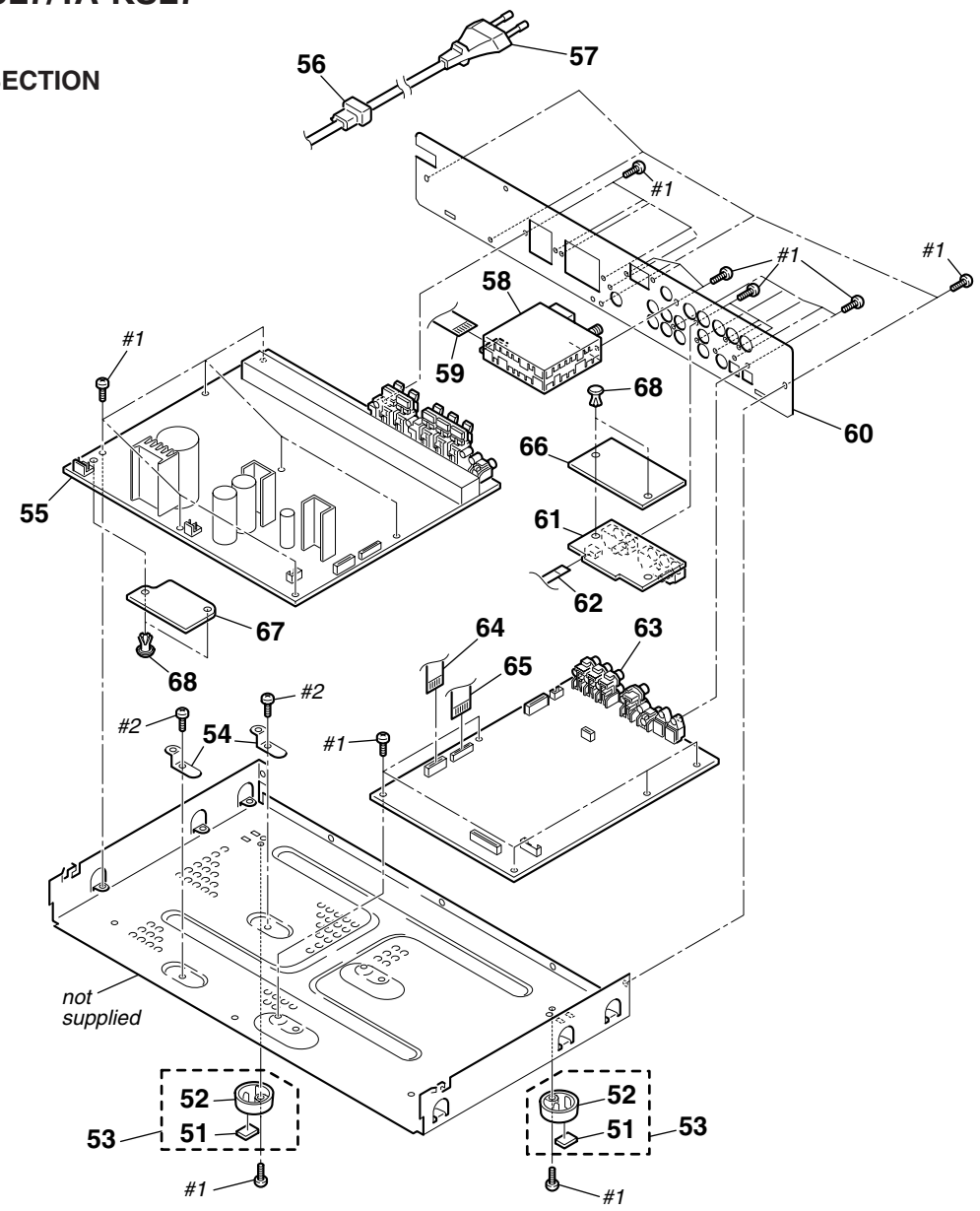
4-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remarks
1	4-977-358-01	CUSHION	
3	X-4953-881-1	KNOB ASSY	
4	3-350-426-01	SPRING, RING	
5	X-4953-877-1	FRONT PANEL ASSY (STR-KSL7:E,MY,SP,MX)	
5	X-4953-878-1	FRONT PANEL ASSY (STR-SL7)	
5	X-4953-879-1	FRONT PANEL ASSY (STR-KSL7:CND)	
5	X-4953-880-1	FRONT PANEL ASSY (TA-KSL7:AEP,UK,CH)	
6	A-4726-209-A	DISPLAY BOARD, COMPLETE (EXCEPT TA-KSL7:CH)	
6	A-4727-440-A	DISPLAY BOARD, COMPLETE (TA-KSL7:CH)	

Ref. No.	Part No.	Description	Remarks
7	1-681-853-11	HEADPHONE BOARD	
8	4-951-620-01	SCREW (2.6X8), +BVTP	
9	1-681-852-11	POWER SW BOARD	
10	1-773-154-11	WIRE (FLAT TYPE) (21 CORE)	
11	4-232-580-11	CASE (407026) (TA-KSL7:CH)	
11	4-233-360-51	CASE (407026) (EXCEPT TA-KSL7:CH)	
12	4-210-291-11	SCREW (CASE 3 TP2)	
14	4-235-646-01	COVER (HT)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	

4-2. CHASSIS SECTION



Ref. No.	Part No.	Description	Remarks
51	4-977-358-01	CUSHION	
52	4-232-237-01	FOOT (DIA. 30)	
53	X-4953-448-1	FOOT ASSY	
54	3-332-563-01	BRACKET (P)	
55	A-4726-220-A	MAIN BOARD, COMPLETE (STR-KSL7:MX)	
55	A-4726-225-A	MAIN BOARD, COMPLETE (STR-KSL7:E,MY,SP/TA-KSL7:AEP,UK)	
55	A-4726-233-A	MAIN BOARD, COMPLETE (STR-KSL7:CND/STR-SL7)	
55	A-4727-446-A	MAIN BOARD, COMPLETE (TA-KSL7:CH)	
* 56	3-703-244-00	BUSHING (2104), CORD	
⚠57	1-777-071-21	CORD, POWER (STR-KSL7:E,MY,SP/TA-KSL7:AEP,UK)	
⚠57	1-782-464-21	CORD, POWER (TA-KSL7:CH)	
⚠57	1-783-820-11	CORD, POWER (STR-KSL7:CND,MX/STR-SL7)	
58	1-693-407-21	TUNER UNIT (EXCEPT STR-KSL7:MY,SP,TA-KSL7)	
58	1-693-409-21	TUNER UNIT (STR-KSL7:MY,SP)	
59	1-773-002-11	WIRE (FLAT TYPE) (15 CORE) (EXCEPT TA-KSL7)	
60	4-235-042-11	PANEL, BACK (STR-SL7)	
60	4-235-042-21	PANEL, BACK (STR-KSL7:CND)	
60	4-235-042-31	PANEL, BACK (STR-KSL7:MY,SP)	
60	4-235-042-41	PANEL, BACK (STR-KSL7:E)	
60	4-235-042-51	PANEL, BACK (STR-KSL7:MX)	
60	4-235-042-71	PANEL, BACK (TA-KSL7:AEP)	
60	4-235-042-81	PANEL, BACK (TA-KSL7:UK)	
60	4-235-042-91	PANEL, BACK (TA-KSL7:CH)	
61	1-681-855-11	S VIDEO BOARD	
62	1-769-841-11	WIRE (FLAT TYPE) (5 CORE)	
63	A-4726-223-A	DIGITAL BOARD, COMPLETE (STR-KSL7:CND)	
63	A-4726-227-A	DIGITAL BOARD, COMPLETE (STR-KSL7:E)	
63	A-4726-229-A	DIGITAL BOARD, COMPLETE (STR-KSL7:MY,SP)	
63	A-4726-231-A	DIGITAL BOARD, COMPLETE (STR-KSL7:MX)	
63	A-4726-235-A	DIGITAL BOARD, COMPLETE (TA-KSL7:AEP, UK)	
63	A-4727-317-A	DIGITAL BOARD, COMPLETE (STR-SL7)	
63	A-4727-450-A	DIGITAL BOARD, COMPLETE (TA-KSL7:CH)	
64	1-769-970-11	WIRE (FLAT TYPE) (13 CORE)	
65	1-775-185-11	WIRE (FLAT TYPE) (21 CORE)	
66	4-235-644-01	PLATE (SV), SHIELD	
67	4-235-645-01	COVER (AC) (STR-KSL7:E,MY,SP/TA-KSL7:AEP,UK)	
68	3-531-576-11	RIVET	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#2	7-685-871-01	SCREW +BVTT 3X6 (S)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

SECTION 5
ELECTRICAL PARTS LIST

DIGITAL

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS:
  uF: µF
- COILS
  uH: µH
- RESISTORS
  All resistors are in ohms.
  METAL: metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F: nonflammable
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA...: µA... , uPA... , µPA... ,
  uPB... , µPB... , uPC... , µPC... ,
  uPD..., µPD...
- Abbreviation
  CND : Canadian model
  MY : Malaysia model
  SP : Singapore model
  CH : Chinese model
  MX : Mexican model

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
	A-4726-223-A	DIGITAL BOARD, COMPLETE (STR-KSL7:CND)			
	A-4726-227-A	DIGITAL BOARD, COMPLETE (STR-KSL7:E)			
	A-4726-229-A	DIGITAL BOARD, COMPLETE (STR-KSL7:MY, SP)			
	A-4726-231-A	DIGITAL BOARD, COMPLETE (STR-KSL7:MX)			
	A-4726-235-A	DIGITAL BOARD, COMPLETE (TA-KSL7:AEP, UK)			
	A-4727-317-A	DIGITAL BOARD, COMPLETE (STR-SL7)			
	A-4727-450-A	DIGITAL BOARD, COMPLETE (TA-KSL7:CH)			
		**********			
	7-685-645-79	SCREW +BVTP	3X6	TYPE2 N-S	
		< CAPACITOR >			
C101	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C102	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C103	1-104-905-11	CAPACITOR	0.22F		5.5V
C104	1-164-299-11	CERAMIC CHIP	0.22uF	10.00%	25V
C105	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C106	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C107	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C108	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C109	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C110	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C111	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C112	1-126-935-11	ELECT	470uF	20.00%	16V
C113	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C114	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C115	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C116	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C117	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C118	1-119-824-11	ELECT MELF	10uF	20%	50V
C119	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C120	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C216	1-163-275-11	CERAMIC CHIP	0.001uF	5.00%	50V (EXCEPT TA-KSL7)
C217	1-163-275-11	CERAMIC CHIP	0.001uF	5.00%	50V (EXCEPT TA-KSL7)
C218	1-163-275-11	CERAMIC CHIP	0.001uF	5.00%	50V (EXCEPT TA-KSL7)
C219	1-128-844-11	ELECT	33uF	20%	25V
C220	1-128-844-11	ELECT	33uF	20%	25V
C221	1-128-844-11	ELECT	33uF	20%	25V (TA-KSL7)
C222	1-128-844-11	ELECT	33uF	20%	25V (TA-KSL7)
C223	1-128-844-11	ELECT	33uF	20%	25V
C224	1-128-844-11	ELECT	33uF	20%	25V
C225	1-128-844-11	ELECT	33uF	20%	25V (EXCEPT TA-KSL7)
C226	1-128-844-11	ELECT	33uF	20%	25V (EXCEPT TA-KSL7)
C228	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C229	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C230	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V (TA-KSL7)
C231	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V (TA-KSL7)
C232	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C233	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C234	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C235	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C236	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C237	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C238	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C501	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C502	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C503	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C504	1-128-858-11	ELECT	22uF	20%	50V
C505	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C506	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C507	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C508	1-164-299-11	CERAMIC CHIP	0.22uF	10.00%	25V
C509	1-128-840-11	ELECT	47uF	20%	16V
C510	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C511	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C512	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C513	1-128-840-11	ELECT	47uF	20%	16V
C514	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C515	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C516	1-163-233-11	CERAMIC CHIP	18PF	5.00%	50V
C517	1-163-233-11	CERAMIC CHIP	18PF	5.00%	50V
C518	1-163-275-11	CERAMIC CHIP	0.001uF	5.00%	50V
C519	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C520	1-127-718-91	ELECT MELF	100uF	20%	16V
C521	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C522	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C601	1-128-844-11	ELECT	33uF	20%	25V
C602	1-128-844-11	ELECT	33uF	20%	25V
C603	1-128-844-11	ELECT	33uF	20%	25V
C604	1-128-844-11	ELECT	33uF	20%	25V
C607	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C608	1-126-964-11	ELECT	10uF	20.00%	50V
C609	1-128-844-11	ELECT	33uF	20%	25V
C610	1-128-844-11	ELECT	33uF	20%	25V
C611	1-128-844-11	ELECT	33uF	20%	25V
C612	1-128-844-11	ELECT	33uF	20%	25V
C613	1-128-844-11	ELECT	33uF	20%	25V

DIGITAL

Ref. No.	Part No.	Description			Remarks
C614	1-128-844-11	ELECT	33uF	20%	25V
C618	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C619	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C620	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C621	1-126-964-11	ELECT	10uF	20.00%	50V
C622	1-126-964-11	ELECT	10uF	20.00%	50V
C623	1-126-964-11	ELECT	10uF	20.00%	50V
C624	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C625	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C626	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C627	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C628	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C629	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C630	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C631	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C632	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C633	1-126-964-11	ELECT	10uF	20.00%	50V
C634	1-126-964-11	ELECT	10uF	20.00%	50V
C635	1-126-964-11	ELECT	10uF	20.00%	50V
C636	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C637	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C638	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C640	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C641	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C643	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C645	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C646	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C647	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C701	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C702	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C703	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C704	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C705	1-126-935-11	ELECT	470uF	20.00%	16V
C706	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C708	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C710	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C711	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C713	1-128-840-11	ELECT	47uF	20%	16V
C714	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C715	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C718	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C720	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C721	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C725	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C727	1-128-840-11	ELECT	47uF	20%	16V
C728	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C731	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C732	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C734	1-126-935-11	ELECT	470uF	20.00%	16V
C735	1-165-319-11	CERAMIC CHIP	0.1uF		50V
		< CONNECTOR >			
CNP104	1-784-923-11	PIN, CONNECTOR 7P			
CNP601	1-779-978-11	PIN, CONNECTOR 3P			
CNS101	1-568-838-11	CONNECTOR, FFC 21P			
CNS102	1-778-692-11	CONNECTOR, FFC/FPC 21P			
CNS104	1-784-774-11	CONNECTOR, FFC 13P			
CNS202	1-784-766-11	CONNECTOR, FFC 5P			
CNS203	1-784-776-11	CONNECTOR, FFC 15P (EXCEPT TA-KSL7)			

Ref. No.	Part No.	Description	Remarks
		< DIODE >	
D101	8-719-988-61	DIODE 1SS355TE-17	
D102	8-719-988-61	DIODE 1SS355TE-17	
D103	8-719-988-61	DIODE 1SS355TE-17	
D104	8-719-988-61	DIODE 1SS355TE-17	
D1403	8-719-988-61	DIODE 1SS355TE-17	
		< EARTH >	
* EP201	1-537-738-21	TERMINAL, EARTH	
		< FERRITE BEAD >	
FB501	1-469-152-11	FERRITE 0uH	
FB502	1-469-152-11	FERRITE 0uH	
FB503	1-469-152-11	FERRITE 0uH	
FB504	1-469-152-11	FERRITE 0uH	
FB505	1-469-152-11	FERRITE 0uH	
FB506	1-469-152-11	FERRITE 0uH	
FB507	1-469-152-11	FERRITE 0uH	
FB508	1-469-152-11	FERRITE 0uH	
FB510	1-469-152-11	FERRITE 0uH	
FB511	1-469-152-11	FERRITE 0uH	
		< IC >	
IC101	6-800-673-01	IC MB90553ABPF-G-209-BND	
IC102	8-759-039-69	IC uPC7805AHF	
IC103	6-700-942-01	IC M62342FP	
IC104	8-759-604-86	IC M5F7807L	
IC203	8-759-524-00	IC TC4052BF(EL,N)	
IC501	8-749-923-05	IC TORX178B(AUX OPTICAL)	
IC502	8-749-923-05	IC TORX178B(TV OPTICAL)	
IC503	8-759-242-70	IC TC7WU04F(TE12R)	
IC504	8-759-639-35	IC LC89055W-RA8	
IC505	8-759-242-70	IC TC7WU04F(TE12R)	
IC506	8-759-242-70	IC TC7WU04F(TE12R)	
IC601	8-759-636-55	IC M5218AFP-T1	
IC602	8-759-636-55	IC M5218AFP-T1	
IC603	8-759-636-55	IC M5218AFP-T1	
IC604	8-759-560-56	IC PCM1800E/2K	
IC605	8-759-560-56	IC PCM1800E/2K	
IC606	8-759-560-56	IC PCM1800E/2K	
IC701	8-759-698-80	IC CXD9511AQ-1	
IC703	8-759-697-47	IC IDT71256SA20Y-TL	
IC706	8-759-039-69	IC uPC7805AHF	
		< JACK >	
J205	1-784-429-11	JACK, PIN 4P (VIDEO AUDIO IN,TUNER IN)(TA-KSL7)	
J205	1-793-478-11	JACK, PIN 2P (VIDEO AUDIO IN)(EXCEPT TA-KSL7)	
J207	1-785-536-11	JACK, PIN (6P) (MULTI CH INPUT)	
J301	1-793-446-21	JACK, PIN 1P (DVD COAXIAL)	
		< JUMPER RESISTOR >	
JR101	1-216-295-00	SHORT 0	
JR102	1-216-295-00	SHORT 0	
JR103	1-216-295-00	SHORT 0	
JR104	1-216-295-00	SHORT 0	
JR105	1-216-295-00	SHORT 0	
JR106	1-216-295-00	SHORT 0	
JR107	1-216-295-00	SHORT 0	

Ref. No.	Part No.	Description			Remarks
		< TRANSISTOR >			
Q101	8-729-900-36	TRANSISTOR	BA1F4M-TP		
Q202	8-729-027-23	TRANSISTOR	RT1P141C-TP-1		
Q203	8-729-027-23	TRANSISTOR	RT1P141C-TP-1		
Q204	8-729-027-43	TRANSISTOR	RT1N141C-TP-1		
Q205	8-729-027-43	TRANSISTOR	RT1N141C-TP-1		
		< RESISTOR >			
R101	1-216-025-11	RES-CHIP	100	5%	1/10W
R102	1-216-025-11	RES-CHIP	100	5%	1/10W
R103	1-216-025-11	RES-CHIP	100	5%	1/10W
R104	1-216-025-11	RES-CHIP	100	5%	1/10W
R105	1-216-025-11	RES-CHIP	100	5%	1/10W
R106	1-216-025-11	RES-CHIP	100	5%	1/10W
R107	1-216-025-11	RES-CHIP	100	5%	1/10W
R108	1-216-025-11	RES-CHIP	100	5%	1/10W
R109	1-216-025-11	RES-CHIP	100	5%	1/10W
R111	1-216-025-11	RES-CHIP	100	5%	1/10W
R112	1-216-049-11	RES-CHIP	1K	5%	1/10W
R113	1-216-033-00	METAL CHIP	220	5%	1/10W
R114	1-216-049-11	RES-CHIP	1K	5%	1/10W
R115	1-216-033-00	METAL CHIP	220	5%	1/10W
R116	1-216-049-11	RES-CHIP	1K	5%	1/10W
R117	1-216-073-00	RES-CHIP	10K	5%	1/10W
R118	1-216-049-11	RES-CHIP	1K	5%	1/10W
R119	1-216-025-11	RES-CHIP	100	5%	1/10W
R120	1-216-049-11	RES-CHIP	1K	5%	1/10W
R121	1-216-025-11	RES-CHIP	100	5%	1/10W
R122	1-216-049-11	RES-CHIP	1K	5%	1/10W
R123	1-216-025-11	RES-CHIP	100	5%	1/10W
R124	1-216-025-11	RES-CHIP	100	5%	1/10W
R125	1-216-025-11	RES-CHIP	100	5%	1/10W
R126	1-216-049-11	RES-CHIP	1K	5%	1/10W
R127	1-216-025-11	RES-CHIP	100	5%	1/10W
R128	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R129	1-216-025-11	RES-CHIP	100	5%	1/10W
R131	1-216-025-11	RES-CHIP	100	5%	1/10W
R132	1-216-025-11	RES-CHIP	100	5%	1/10W
R133	1-216-025-11	RES-CHIP	100	5%	1/10W
R134	1-216-049-11	RES-CHIP	1K	5%	1/10W
R135	1-216-025-11	RES-CHIP	100	5%	1/10W
R136	1-216-025-11	RES-CHIP	100	5%	1/10W
R137	1-216-049-11	RES-CHIP	1K	5%	1/10W
R138	1-216-025-11	RES-CHIP	100	5%	1/10W
R139	1-216-049-11	RES-CHIP	1K	5%	1/10W
R140	1-216-025-11	RES-CHIP	100	5%	1/10W
R141	1-216-049-11	RES-CHIP	1K	5%	1/10W
R143	1-216-025-11	RES-CHIP	100	5%	1/10W
R144	1-216-025-11	RES-CHIP	100	5%	1/10W
R145	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R146	1-216-037-00	METAL CHIP	330	5%	1/10W
R147	1-216-041-00	METAL CHIP	470	5%	1/10W
R148	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
R149	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R150	1-216-097-11	RES-CHIP	100K	5%	1/10W
R151	1-216-073-00	RES-CHIP	10K	5%	1/10W
R152	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R153	1-216-097-11	RES-CHIP	100K	5%	1/10W

Ref. No.	Part No.	Description			Remarks
R154	1-216-073-00	RES-CHIP	10K	5%	1/10W
R155	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R156	1-216-073-00	RES-CHIP	10K	5%	1/10W
R157	1-216-073-00	RES-CHIP	10K	5%	1/10W
R158	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R159	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R160	1-216-073-00	RES-CHIP	10K	5%	1/10W
R161	1-216-073-00	RES-CHIP	10K	5%	1/10W
R162	1-216-025-11	RES-CHIP	100	5%	1/10W
R163	1-216-025-11	RES-CHIP	100	5%	1/10W
R164	1-216-025-11	RES-CHIP	100	5%	1/10W
R165	1-216-073-00	RES-CHIP	10K	5%	1/10W
R166	1-216-073-00	RES-CHIP	10K	5%	1/10W
R167	1-216-045-00	METAL CHIP	680	5%	1/10W
					(STR-KSL7:E,MY,SP,MX)
R168	1-216-049-11	RES-CHIP	1K	5%	1/10W
					(STR-KSL7:E,MX)
R169	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
					(STR-KSL7:MX)
R170	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
					(STR-KSL7:MX)
R172	1-216-073-00	RES-CHIP	10K	5%	1/10W
					(STR-SL7)
R180	1-216-073-00	RES-CHIP	10K	5%	1/10W
					(EXCEPT STR-SL7)
R199	1-216-033-00	METAL CHIP	220	5%	1/10W
R217	1-216-049-11	RES-CHIP	1K	5%	1/10W
R218	1-216-097-11	RES-CHIP	100K	5%	1/10W
R219	1-216-097-11	RES-CHIP	100K	5%	1/10W
R220	1-216-049-11	RES-CHIP	1K	5%	1/10W
R221	1-216-097-11	RES-CHIP	100K	5%	1/10W
R222	1-216-049-11	RES-CHIP	1K	5%	1/10W
					(TA-KSL7)
R223	1-216-097-11	RES-CHIP	100K	5%	1/10W
					(TA-KSL7)
R224	1-216-097-11	RES-CHIP	100K	5%	1/10W
					(TA-KSL7)
R225	1-216-049-11	RES-CHIP	1K	5%	1/10W
					(TA-KSL7)
R226	1-216-049-11	RES-CHIP	1K	5%	1/10W
R227	1-216-049-11	RES-CHIP	1K	5%	1/10W
R228	1-216-049-11	RES-CHIP	1K	5%	1/10W
R229	1-216-049-11	RES-CHIP	1K	5%	1/10W
R230	1-216-097-11	RES-CHIP	100K	5%	1/10W
R231	1-216-049-11	RES-CHIP	1K	5%	1/10W
R232	1-216-097-11	RES-CHIP	100K	5%	1/10W
R233	1-216-049-11	RES-CHIP	1K	5%	1/10W
R234	1-216-013-00	METAL CHIP	33	5%	1/10W
R238	1-216-117-00	METAL CHIP	680K	5%	1/10W
R239	1-216-073-00	RES-CHIP	10K	5%	1/10W
R240	1-216-073-00	RES-CHIP	10K	5%	1/10W
R243	1-216-097-11	RES-CHIP	100K	5%	1/10W
R244	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R501	1-216-115-00	METAL CHIP	560K	5%	1/10W
R502	1-216-022-00	METAL CHIP	75	5%	1/10W
R503	1-216-081-00	METAL CHIP	22K	5%	1/10W
R504	1-216-049-11	RES-CHIP	1K	5%	1/10W
R505	1-216-025-11	RES-CHIP	100	5%	1/10W
R506	1-216-025-11	RES-CHIP	100	5%	1/10W
R507	1-216-025-11	RES-CHIP	100	5%	1/10W

DIGITAL DISPLAY

Ref. No.	Part No.	Description			Remarks
R508	1-216-025-11	RES-CHIP	100	5%	1/10W
R509	1-216-066-00	METAL CHIP	5.1K	5%	1/10W
R510	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R511	1-216-073-00	RES-CHIP	10K	5%	1/10W
R512	1-216-073-00	RES-CHIP	10K	5%	1/10W
R513	1-216-043-00	RES-CHIP	560	5%	1/10W
R514	1-216-025-11	RES-CHIP	100	5%	1/10W
R516	1-216-025-11	RES-CHIP	100	5%	1/10W
R517	1-216-049-11	RES-CHIP	1K	5%	1/10W
R518	1-216-121-11	RES-CHIP	1M	5%	1/10W
R519	1-216-049-11	RES-CHIP	1K	5%	1/10W
R520	1-216-073-00	RES-CHIP	10K	5%	1/10W
R521	1-216-049-11	RES-CHIP	1K	5%	1/10W
R601	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R602	1-216-073-00	RES-CHIP	10K	5%	1/10W
R603	1-216-073-00	RES-CHIP	10K	5%	1/10W
R604	1-216-073-00	RES-CHIP	10K	5%	1/10W
R605	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R606	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R607	1-216-073-00	RES-CHIP	10K	5%	1/10W
R608	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R609	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R610	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R611	1-216-073-91	RES-CHIP	10K	5%	1/10W
R612	1-216-073-00	RES-CHIP	10K	5%	1/10W
R617	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R621	1-216-025-11	RES-CHIP	100	5%	1/10W
R622	1-216-025-11	RES-CHIP	100	5%	1/10W
R623	1-216-025-11	RES-CHIP	100	5%	1/10W
R624	1-216-025-11	RES-CHIP	100	5%	1/10W
R625	1-216-025-11	RES-CHIP	100	5%	1/10W
R626	1-216-025-11	RES-CHIP	100	5%	1/10W
R627	1-216-025-11	RES-CHIP	100	5%	1/10W
R628	1-216-025-11	RES-CHIP	100	5%	1/10W
R629	1-216-025-11	RES-CHIP	100	5%	1/10W
R630	1-216-097-11	RES-CHIP	100K	5%	1/10W
R631	1-216-097-11	RES-CHIP	100K	5%	1/10W
R632	1-216-097-11	RES-CHIP	100K	5%	1/10W
R633	1-216-097-11	RES-CHIP	100K	5%	1/10W
R703	1-216-073-00	RES-CHIP	10K	5%	1/10W
R708	1-216-025-11	RES-CHIP	100	5%	1/10W
R713	1-216-073-00	RES-CHIP	10K	5%	1/10W
R715	1-216-073-00	RES-CHIP	10K	5%	1/10W
R716	1-216-025-11	RES-CHIP	100	5%	1/10W
R717	1-216-025-11	RES-CHIP	100	5%	1/10W
R718	1-216-025-11	RES-CHIP	100	5%	1/10W
R719	1-216-073-00	RES-CHIP	10K	5%	1/10W
R722	1-216-066-00	METAL CHIP	5.1K	5%	1/10W
		< VIBRATOR >			
X101	1-781-356-21	VIBRATOR, CERAMIC 16MHz			
X501	1-781-465-21	VIBRATOR, CRYSTAL 12.288MHz			

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Ref. No.	Part No.	Description			Remarks
	A-4726-209-A	DISPLAY BOARD, COMPLETE (EXCEPT TA-KSL7:CH)			
	A-4727-440-A	DISPLAY BOARD, COMPLETE (TA-KSL7:CH)			
		**********			
	3-362-478-01	HOLDER (T), LED			
*	3-386-245-11	HOLDER (FL)			
*	4-921-941-01	CUSHION (FL)			
		< CAPACITOR >			
C151	1-126-964-11	ELECT	10uF	20.00%	50V
C152	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C153	1-126-964-11	ELECT	10uF	20.00%	50V
C154	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C157	1-126-964-11	ELECT	10uF	20.00%	50V
C158	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C159	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C160	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C161	1-163-021-91	CERAMIC CHIP	0.01uF	10.00%	50V
C162	1-163-021-91	CERAMIC CHIP	0.01uF	10.00%	50V
C163	1-126-964-11	ELECT	10uF	20.00%	50V
C164	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C166	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C167	1-126-964-11	ELECT	10uF	20.00%	50V
C168	1-165-319-11	CERAMIC CHIP	0.1uF		50V
		< CONNECTOR >			
CNS151	1-568-838-11	CONNECTOR, FFC 21P			
		< DIODE >			
D121	8-719-084-07	DIODE SEL5E20CTP15 (MULTI CHANNNEL DECODING)			
D151	8-719-032-98	DIODE SEL5820A-TP15 (VIDEO)			
D152	8-719-032-98	DIODE SEL5820A-TP15 (DVD)			
D153	8-719-032-98	DIODE SEL5820A-TP15 (TV)			
D154	8-719-032-98	DIODE SEL5820A-TP15 (AUX)			
D155	8-719-032-98	DIODE SEL5820A-TP15 (TUNER)			
D156	8-719-032-98	DIODE SEL5820A-TP15 (MULTI CH IN)			
D157	8-719-301-52	DIODE SEL2810A-C-TP3 (SET UP)			
D158	8-719-056-82	DIODE UDZ-TE-17-6.2B			
D159	8-719-988-61	DIODE 1SS355TE-17			
D160	8-719-988-61	DIODE 1SS355TE-17			
D161	8-719-988-61	DIODE 1SS355TE-17			
D162	8-719-988-61	DIODE 1SS355TE-17			
D163	8-719-301-52	DIODE SEL2810A-C-TP3 (SURR)			
D164	8-719-301-52	DIODE SEL2810A-C-TP3 (LEVEL)			
		< FILTER >			
FL101	1-518-718-11	INDICATOR TUBE, FLUORESCENT			
		< EARTH >			
* G101	1-537-738-21	TERMINAL, EARTH			
		< IC >			
IC151	8-759-459-86	IC NJL64H400A (R)			
IC152	8-759-643-83	IC uPD16315GB-3BS			

Ref. No.	Part No.	Description			Remarks
		< COIL >			
L102	1-412-959-11	INDUCTOR	47uH		
		< TRANSISTOR >			
Q151	8-729-027-23	TRANSISTOR	RT1P141C-TP-1		
Q152	8-729-822-05	TRANSISTOR	2SD1622-ST-TD		
Q153	8-729-822-05	TRANSISTOR	2SD1622-ST-TD		
Q154	8-729-027-23	TRANSISTOR	RT1P141C-TP-1		
Q155	8-729-027-23	TRANSISTOR	RT1P141C-TP-1		
		< RESISTOR >			
R112	1-216-033-00	METAL CHIP	220	5%	1/10W
R173	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R174	1-216-049-11	RES-CHIP	1K	5%	1/10W
R175	1-216-045-00	METAL CHIP	680	5%	1/10W
R176	1-216-033-00	METAL CHIP	220	5%	1/10W
R177	1-216-041-00	METAL CHIP	470	5%	1/10W
R178	1-216-095-00	METAL CHIP	82K	5%	1/10W
R179	1-216-037-00	METAL CHIP	330	5%	1/10W
R181	1-216-019-00	METAL CHIP	56	5%	1/10W
R183	1-216-025-11	RES-CHIP	100	5%	1/10W
R184	1-216-073-00	RES-CHIP	10K	5%	1/10W
R185	1-216-037-00	METAL CHIP	330	5%	1/10W
R186	1-216-073-00	RES-CHIP	10K	5%	1/10W
R187	1-216-097-11	RES-CHIP	100K	5%	1/10W
R188	1-216-073-00	RES-CHIP	10K	5%	1/10W
R189	1-216-041-00	METAL CHIP	470	5%	1/10W
R190	1-216-097-11	RES-CHIP	100K	5%	1/10W
R191	1-216-045-00	METAL CHIP	680	5%	1/10W
R192	1-216-049-11	RES-CHIP	1K	5%	1/10W
R193	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R194	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R195	1-216-037-00	METAL CHIP	330	5%	1/10W
R196	1-216-041-00	METAL CHIP	470	5%	1/10W
R197	1-216-061-00	RES-CHIP	3.3K	5%	1/10W
R198	1-216-063-00	RES-CHIP	3.9K	5%	1/10W
R200	1-216-033-00	METAL CHIP	220	5%	1/10W
R241	1-216-033-00	METAL CHIP	220	5%	1/10W
R242	1-216-033-00	METAL CHIP	220	5%	1/10W
		< VARIABLE RESISTOR >			
RV101	1-418-773-21	ENCODER, ROTARY (MASTER VOLUME)			
		< SWITCH >			
S101	1-771-349-21	SWITCH, KEYBOARD (VIDEO)			
S102	1-771-349-21	SWITCH, KEYBOARD (DVD)			
S103	1-771-349-21	SWITCH, KEYBOARD (TV)			
S104	1-771-349-21	SWITCH, KEYBOARD (AUX)			
S105	1-771-349-21	SWITCH, KEYBOARD (TUNER)			
S106	1-771-349-21	SWITCH, KEYBOARD (MULTI CH IN)			
S107	1-771-349-21	SWITCH, KEYBOARD (SET UP)			
S108	1-771-349-21	SWITCH, KEYBOARD (+)			
S109	1-771-349-21	SWITCH, KEYBOARD (SURR)			
S110	1-771-349-21	SWITCH, KEYBOARD (<)			
S111	1-771-349-21	SWITCH, KEYBOARD (>)			
S112	1-771-349-21	SWITCH, KEYBOARD (ENTER)			
S113	1-771-349-21	SWITCH, KEYBOARD (SOUND FIELD +)			
S114	1-771-349-21	SWITCH, KEYBOARD (-)			
S115	1-771-349-21	SWITCH, KEYBOARD (SOUND FIELD -)			
S116	1-771-349-21	SWITCH, KEYBOARD (MUTING)			
S117	1-771-349-21	SWITCH, KEYBOARD (LEVEL)			
		< TRANSFORMER >			
T101	1-437-416-11	TRANSFORMER, DC-DC CONVERTER			
**********					
	1-681-853-11	HEADPHONE BOARD			
		**********			
		< CAPACITOR >			
C165	1-165-319-11	CERAMIC CHIP	0.1uF		50V
		< CONNECTOR >			
* CNP153	1-564-706-11	PIN, CONNECTOR (SMALL TYPE) 4P			
		< JACK >			
J101	1-764-106-21	JACK (PHONES)			
**********					
	A-4726-233-A	MAIN BOARD, COMPLETE (STR-KSL7:CND/STR-SL7)			
	A-4726-220-A	MAIN BOARD, COMPLETE (STR-KSL7:MX)			
	A-4726-225-A	MAIN BOARD, COMPLETE (STR-KSL7:E,MY,SP/TA-KSL7:AEP,UK)			
	A-4727-446-A	MAIN BOARD, COMPLETE (TA-KSL7:CH)			
		**********			
	1-533-223-11	HOLDER, FUSE			
	7-685-645-79	SCREW +BVTP 3X6 TYPE2 N-S			
	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3			
		< CAPACITOR >			
C301	1-163-275-11	CERAMIC CHIP	0.001uF	5.00%	50V
C302	1-128-844-11	ELECT	33uF	20%	25V
C303	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C304	1-163-227-11	CERAMIC CHIP	10PF	0.50PF	50V
C305	1-163-227-11	CERAMIC CHIP	10PF	0.50PF	50V
C306	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C307	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C308	1-119-827-11	ELECT MELF	100uF	20%	25V
C309	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C310	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C311	1-128-840-11	ELECT	47uF	20%	16V
C312	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C313	1-119-827-11	ELECT MELF	100uF	20%	25V
C314	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C315	1-119-824-11	ELECT MELF	10uF	20%	50V
C316	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C317	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C318	1-119-827-11	ELECT MELF	100uF	20%	25V
C319	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C320	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C321	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C322	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C323	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C324	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C325	1-119-827-11	ELECT MELF	100uF	20%	25V

MAIN

Ref. No.	Part No.	Description			Remarks
C326	1-119-824-11	ELECT MELF	10uF	20%	50V
C327	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C328	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C329	1-119-827-11	ELECT MELF	100uF	20%	25V
C330	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C331	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C332	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C333	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C334	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C335	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C336	1-119-827-11	ELECT MELF	100uF	20%	25V
C337	1-119-827-11	ELECT MELF	100uF	20%	25V
C338	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C339	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C340	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C341	1-119-827-11	ELECT MELF	100uF	20%	25V
C342	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C343	1-119-824-11	ELECT MELF	10uF	20%	50V
C344	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C345	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C346	1-119-827-11	ELECT MELF	100uF	20%	25V
C347	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C348	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C349	1-128-844-11	ELECT	33uF	20%	25V
C350	1-163-275-11	CERAMIC CHIP	0.001uF	5.00%	50V
C352	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C353	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C354	1-119-827-11	ELECT MELF	100uF	20%	25V
C355	1-163-031-91	CERAMIC CHIP	0.01uF		50V
C356	1-163-259-91	CERAMIC CHIP	220PF	5.00%	50V
C357	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C358	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C359	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C360	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C361	1-119-827-11	ELECT MELF	100uF	20%	25V
C362	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C363	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C364	1-119-827-11	ELECT MELF	100uF	20%	25V
C365	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C366	1-119-827-11	ELECT MELF	100uF	20%	25V
C367	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C368	1-119-824-11	ELECT MELF	10uF	20%	50V
C369	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C370	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C371	1-119-827-11	ELECT MELF	100uF	20%	25V
C372	1-163-247-11	CERAMIC CHIP	68PF	5.00%	50V
C373	1-163-247-11	CERAMIC CHIP	68PF	5.00%	50V
C374	1-163-247-11	CERAMIC CHIP	68PF	5.00%	50V
C375	1-163-247-11	CERAMIC CHIP	68PF	5.00%	50V
C376	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C377	1-119-827-11	ELECT MELF	100uF	20%	25V
C378	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C379	1-119-824-11	ELECT MELF	10uF	20%	50V
C380	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C381	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C382	1-119-827-11	ELECT MELF	100uF	20%	25V
C383	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C384	1-163-249-11	CERAMIC CHIP	82PF	5.00%	50V
C385	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C386	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C387	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C388	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C389	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C390	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C391	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C392	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C393	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C394	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C395	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C396	1-163-243-11	CERAMIC CHIP	47PF	5.00%	50V
C396	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C397	1-163-243-11	CERAMIC CHIP	47PF	5.00%	50V
C397	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C398	1-163-243-11	CERAMIC CHIP	47PF	5.00%	50V
C399	1-163-243-11	CERAMIC CHIP	47PF	5.00%	50V
C400	1-163-243-11	CERAMIC CHIP	47PF	5.00%	50V
C401	1-128-861-11	ELECT	100uF	20%	50V
C402	1-128-861-11	ELECT	100uF	20%	50V
C403	1-128-861-11	ELECT	100uF	20%	50V
C404	1-128-861-11	ELECT	100uF	20%	50V
C405	1-128-861-11	ELECT	100uF	20%	50V
C406	1-128-861-11	ELECT	100uF	20%	50V
C407	1-128-861-11	ELECT	100uF	20%	50V
C408	1-128-861-11	ELECT	100uF	20%	50V
C409	1-128-861-11	ELECT	100uF	20%	50V
C410	1-128-861-11	ELECT	100uF	20%	50V
C411	1-137-503-11	MYLAR	0.0001uF	5.00%	50V
C412	1-137-503-11	MYLAR	0.0001uF	5.00%	50V
C413	1-137-503-11	MYLAR	0.0001uF	5.00%	50V
C414	1-137-503-11	MYLAR	0.0001uF	5.00%	50V
C415	1-137-503-11	MYLAR	0.0001uF	5.00%	50V
C416	1-137-503-11	MYLAR	0.0001uF	5.00%	50V
C417	1-137-503-11	MYLAR	0.0001uF	5.00%	50V
C418	1-137-503-11	MYLAR	0.0001uF	5.00%	50V
C419	1-137-503-11	MYLAR	0.0001uF	5.00%	50V
C420	1-137-503-11	MYLAR	0.0001uF	5.00%	50V
C451	1-131-704-11	FILM	1uF	5%	50V
C452	1-131-704-11	FILM	1uF	5%	50V
C453	1-131-704-11	FILM	1uF	5%	50V
C454	1-131-704-11	FILM	1uF	5%	50V
C455	1-131-704-11	FILM	1uF	5%	50V
C456	1-131-704-11	FILM	1uF	5%	50V
C459	1-131-704-11	FILM	1uF	5%	50V
C460	1-131-704-11	FILM	1uF	5%	50V
C461	1-131-704-11	FILM	1uF	5%	50V
C462	1-131-704-11	FILM	1uF	5%	50V
C801	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C802	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C803	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C804	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C805	1-163-259-91	CERAMIC CHIP	220PF	5.00%	50V
C806	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C807	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C808	1-128-831-91	ELECT	100uF	20%	10V
C809	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C810	1-163-259-91	CERAMIC CHIP	220PF	5.00%	50V
C811	1-163-275-11	CERAMIC CHIP	0.001uF	5.00%	50V
C812	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C813	1-119-824-11	ELECT MELF	10uF	20%	50V
C814	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V

Ref. No.	Part No.	Description			Remarks
C815	1-163-275-11	CERAMIC CHIP	0.001uF	5.00%	50V
C816	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
C817	1-119-824-11	ELECT MELF	10uF	20%	50V
C900	1-165-319-11	CERAMIC CHIP	0.1uF		50V
⚠C901	1-117-703-11	CERAMIC	0.0047uF	99%	250V
⚠C902	1-115-165-11	FILM	0.1uF	20.00%	275V
⚠C903	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
⚠C904	1-113-915-11	CERAMIC	0.001uF	20.00%	250V
⚠C905	1-113-915-11	CERAMIC	0.001uF	20.00%	250V
⚠C906	1-113-915-11	CERAMIC	0.001uF	20.00%	250V
⚠C907	1-128-850-91	ELECT	47uF	20%	35V
C909	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C910	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C911	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C912	1-165-626-11	ELECT	390uF	20%	400V (STR-KSL7:E,MY,SP/TA-KSL7)
C912	1-137-994-11	ELECT	820uF	20%	200V (STR-KSL7:CND,MX/STR-SL7)
⚠C913	1-113-481-11	FILM	1000PF	5.00%	630V (STR-KSL7:E,MY,SP/TA-KSL7)
⚠C913	1-136-203-11	FILM	10000PF	5.00%	630V (STR-KSL7:CND,MX/STR-SL7)
C914	1-126-960-11	ELECT	1uF	20.00%	50V
⚠C915	1-163-259-91	CERAMIC CHIP	220PF	5.00%	50V (STR-KSL7:E,MY,SP/TA-KSL7)
⚠C915	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V (STR-KSL7:CND,MX/STR-SL7)
⚠C916	1-137-751-21	FILM	2200PF	3%	800V (STR-KSL7:CND,MX/STR-SL7)
⚠C917	1-113-907-51	CERAMIC	0.0022uF	99%	250V
C918	1-130-777-00	MYLAR	0.1uF	5.00%	100V
C919	1-115-789-11	ELECT	1000uF	20.00%	25V
C920	1-117-454-11	FILM	4700PF	5.00%	630V (STR-KSL7:E,MY,SP/TA-KSL7)
C920	1-136-203-11	FILM	10000PF	5.00%	630V (STR-KSL7:CND,MX/STR-SL7)
C921	1-110-617-11	ELECT	2200uF	20.00%	50V
C922	1-110-610-11	ELECT	27uF	20.00%	50V
C923	1-110-617-11	ELECT	2200uF	20.00%	50V
C925	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C926	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C927	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C928	1-124-579-51	ELECT	1000uF	20.00%	16V
C929	1-119-827-11	ELECT MELF	100uF	20%	25V
C930	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C931	1-119-827-11	ELECT MELF	100uF	20%	25V
C932	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C933	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C934	1-119-827-11	ELECT MELF	100uF	20%	25V
⚠C935	1-115-165-11	FILM	0.1uF	20.00%	275V
C936	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C937	1-119-827-11	ELECT MELF	100uF	20%	25V
C938	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C939	1-126-957-11	ELECT	0.22uF	20.00%	50V
⚠C940	1-115-165-11	FILM	0.1uF	20.00%	275V
C1643	1-131-696-11	FILM	0.22uF	5%	50V
C1644	1-131-696-11	FILM	0.22uF	5%	50V
C1645	1-131-696-11	FILM	0.22uF	5%	50V
C1646	1-131-696-11	FILM	0.22uF	5%	50V
C1647	1-131-696-11	FILM	0.22uF	5%	50V
C1648	1-131-696-11	FILM	0.22uF	5%	50V
C1649	1-131-696-11	FILM	0.22uF	5%	50V
C1650	1-131-696-11	FILM	0.22uF	5%	50V
C1651	1-131-696-11	FILM	0.22uF	5%	50V
C1652	1-131-696-11	FILM	0.22uF	5%	50V

< CONNECTOR >

CNP801	1-784-921-11	PIN, CONNECTOR 4P
CNP901	1-564-321-00	PIN, CONNECTOR 2P
CNP902	1-564-320-00	PIN, CONNECTOR (B2P-VH) 2P
CNS301	1-778-692-11	CONNECTOR, FFC/FPC 21P
CNS905	1-784-774-11	CONNECTOR, FFC 13P

< DIODE >

D203	8-719-988-61	DIODE 1SS355TE-17
D301	8-719-988-61	DIODE 1SS355TE-17
D302	8-719-988-61	DIODE 1SS355TE-17
D801	8-719-988-61	DIODE 1SS355TE-17
⚠D901	8-719-085-36	DIODE 11EQS04-TB5
⚠D902	8-719-084-58	DIODE RBV-406 (STR-KSL7:E,MY,SP/TA-KSL7)
⚠D902	8-719-022-92	DIODE RBV-604 (STR-KSL7:CND,MX/STR-SL7)
⚠D903	8-719-083-67	DIODE UDZ-TE-17-20B
⚠D904	8-719-083-69	DIODE UDZ-TE-17-24B
⚠D905	8-719-085-37	DIODE 11EQS10-TB5
⚠D906	8-719-085-37	DIODE 11EQS10-TB5
⚠D907	8-719-085-37	DIODE 11EQS10-TB5
⚠D908	8-719-080-26	DIODE SARS01V0
D909	8-719-085-37	DIODE 11EQS10-TB5
D910	8-719-085-37	DIODE 11EQS10-TB5
D911	8-719-313-14	DIODE FML-22S
D912	8-719-083-66	DIODE UDZ-TE-17-18B
D913	8-719-085-36	DIODE 11EQS04-TB5
D914	8-719-085-36	DIODE 11EQS04-TB5
D915	8-719-988-61	DIODE 1SS355TE-17
D916	8-719-083-82	DIODE UDZ-TE17-12B
D917	8-719-085-36	DIODE 11EQS04-TB5
D918	8-719-988-61	DIODE 1SS355TE-17
D919	8-719-083-71	DIODE UDZ-TE-17-30B

< EARTH >

* EP301	1-537-738-21	TERMINAL, EARTH
* EP302	1-537-738-21	TERMINAL, EARTH
* EP303	1-537-738-21	TERMINAL, EARTH
* EP901	1-537-738-21	TERMINAL, EARTH
* EP902	1-537-738-21	TERMINAL, EARTH
* EP903	1-537-738-21	TERMINAL, EARTH

< FERRITE BEAD >

FB301	1-469-760-21	INDUCTOR 0uH
FB302	1-469-760-21	INDUCTOR 0uH
FB303	1-469-760-21	INDUCTOR 0uH
FB304	1-469-760-21	INDUCTOR 0uH
FB305	1-469-760-21	INDUCTOR 0uH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

MAIN

Ref. No.	Part No.	Description	Remarks
FB306	1-469-760-21	INDUCTOR 0uH	
FB307	1-469-760-21	INDUCTOR 0uH	
FB308	1-216-295-91	SHORT 0	
FB351	1-410-396-41	FERRITE 0.45uH	
FB352	1-410-396-41	FERRITE 0.45uH	
FB353	1-410-396-41	FERRITE 0.45uH	
FB354	1-410-396-41	FERRITE 0.45uH	
FB355	1-410-396-41	FERRITE 0.45uH	
FB356	1-410-396-41	FERRITE 0.45uH	
FB359	1-410-396-41	FERRITE 0.45uH	
FB360	1-410-396-41	FERRITE 0.45uH	
FB361	1-410-396-41	FERRITE 0.45uH	
FB362	1-410-396-41	FERRITE 0.45uH	
⚠FB901	1-410-396-41	FERRITE 0.45uH	
		< FUSE >	
⚠F901	1-532-465-51	FUSE, TIME LAG 3.15A/250V	(STR-KSL7:E,MY,SP/TA-KSL7)
⚠F901	1-533-310-11	FUSE, GLASS CYLINDRICAL (DIA.5) 6.3V/125V	(STR-KSL7:CND,MX/STR-SL7)
		< IC >	
IC301	1-804-522-11	MODULE	
IC302	1-804-522-11	MODULE	
IC303	1-804-522-11	MODULE	
IC304	1-804-522-11	MODULE	
IC305	1-804-522-11	MODULE	
IC306	8-759-271-88	IC TC7SHU04FU-TE85R	
IC307	8-759-523-08	IC TC74AC08FT(EL)	
IC308	8-759-523-08	IC TC74AC08FT(EL)	
IC309	6-700-279-01	IC CXD9634Q	
IC310	8-759-523-08	IC TC74AC08FT(EL)	
IC311	8-759-523-08	IC TC74AC08FT(EL)	
IC312	8-759-523-08	IC TC74AC08FT(EL)	
IC313	8-759-523-08	IC TC74AC08FT(EL)	
IC314	8-759-636-55	IC M5218AFP-T1	
IC315	6-700-279-01	IC CXD9634Q	
IC316	8-759-523-08	IC TC74AC08FT(EL)	
IC317	8-759-523-08	IC TC74AC08FT(EL)	
IC318	6-700-279-01	IC CXD9634Q	
IC319	8-759-523-08	IC TC74AC08FT(EL)	
IC320	8-759-523-08	IC TC74AC08FT(EL)	
IC321	8-759-524-40	IC TC74VHC373FT(EL)	
IC322	8-759-648-48	IC TC7W34FU(TE12R)	
IC324	8-759-271-86	IC TC7SH04FU-TE85R	
IC801	8-759-636-55	IC M5218AFP-T1	
IC802	8-759-636-55	IC M5218AFP-T1	
⚠IC901	8-749-017-79	IC STR-F6676 (STR-KSL7:E,MY,SP/TA-KSL7)	
⚠IC901	6-700-162-01	IC STR-F6426S (STR-KSL7:CND,MX/STR-SL7)	
IC902	8-759-528-48	IC NJU7032M-TE2	
IC903	6-700-944-01	IC SI-8120S	
IC905	8-759-647-11	IC uPC2905HF	
IC906	8-759-647-10	IC uPC2933HF	
IC907	8-759-390-72	IC TC4S584F(TE85R)	
IC908	8-759-039-69	IC uPC7805AHF	
IC909	8-759-701-59	IC M5F7809L	
IC910	8-759-544-04	IC NJM2103M-TE2	

Ref. No.	Part No.	Description	Remarks
		< JACK >	
J204	1-793-446-11	JACK, PIN 1P (SUB WOOFER)	
		< COIL >	
L301	1-469-525-91	INDUCTOR 10uH	
L302	1-410-370-31	INDUCTOR 1.2uH	
L401	1-428-923-11	INDUCTOR 0uH	
L402	1-428-923-11	INDUCTOR 0uH	
L403	1-428-923-11	INDUCTOR 0uH	
L404	1-428-923-11	INDUCTOR 0uH	
L405	1-428-923-11	INDUCTOR 0uH	
L406	1-428-923-11	INDUCTOR 0uH	
L407	1-428-923-11	INDUCTOR 0uH	
L408	1-428-923-11	INDUCTOR 0uH	
L409	1-428-923-11	INDUCTOR 0uH	
L410	1-428-923-11	INDUCTOR 0uH	
L901	1-424-860-11	INDUCTOR 10uH	
L902	1-419-253-11	INDUCTOR 100uH	
L904	1-414-398-11	INDUCTOR 10uH	
L906	1-414-398-11	INDUCTOR 10uH	
L907	1-414-398-11	INDUCTOR 10uH	
		< LINE FILTER >	
⚠LF901	1-419-889-11	COIL, LINE FILTER	(STR-KSL7:E,MY,SP/TA-KSL7)
⚠LF901	1-428-905-11	COIL, LINE FILTER	(STR-KSL7:CND,MX/STR-SL7)
⚠LF902	1-419-889-11	COIL, LINE FILTER	(STR-KSL7:E,MY,SP/TA-KSL7)
⚠LF902	1-428-905-11	COIL, LINE FILTER	(STR-KSL7:CND,MX/STR-SL7)
		< PHOTO COUPLER >	
⚠PC901	8-749-019-04	PHOTO COUPLER TLP421	
		< TRANSISTOR >	
Q201	8-729-119-78	TRANSISTOR 2SC2785TP-HFE	
Q401	8-729-216-22	TRANSISTOR 2SA1162-YG-TE85L	
Q402	8-729-216-22	TRANSISTOR 2SA1162-YG-TE85L	
Q403	8-729-216-22	TRANSISTOR 2SA1162-YG-TE85L	
Q404	8-729-216-22	TRANSISTOR 2SA1162-YG-TE85L	
Q405	8-729-216-22	TRANSISTOR 2SA1162-YG-TE85L	
Q406	8-729-230-49	TRANSISTOR 2SC2712-YG-TE85L	
Q801	8-729-119-78	TRANSISTOR 2SC2785TP-HFE	
Q901	8-729-230-49	TRANSISTOR 2SC2712-YG-TE85L	
Q902	8-729-230-49	TRANSISTOR 2SC2712-YG-TE85L	
⚠Q903	8-729-025-04	TRANSISTOR 2SC3852A	
Q904	8-729-230-49	TRANSISTOR 2SC2712-YG-TE85L	
Q905	8-729-230-49	TRANSISTOR 2SC2712-YG-TE85L	
Q906	8-729-027-43	TRANSISTOR RT1N141C-TP-1	
Q908	8-729-027-43	TRANSISTOR RT1N141C-TP-1	
Q915	8-729-027-43	TRANSISTOR RT1N141C-TP-1	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
		< RESISTOR >			
R216	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R235	1-216-025-11	RES-CHIP	100	5%	1/10W
R236	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R237	1-216-073-00	RES-CHIP	10K	5%	1/10W
R244	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R301	1-216-121-11	RES-CHIP	1M	5%	1/10W
R302	1-216-037-00	METAL CHIP	330	5%	1/10W
R303	1-216-037-00	METAL CHIP	330	5%	1/10W
R304	1-216-027-00	METAL CHIP	120	5%	1/10W
R305	1-216-001-00	METAL CHIP	10	5%	1/10W
R306	1-216-001-00	METAL CHIP	10	5%	1/10W
R307	1-216-027-00	METAL CHIP	120	5%	1/10W
R308	1-216-037-00	METAL CHIP	330	5%	1/10W
R309	1-216-037-00	METAL CHIP	330	5%	1/10W
R310	1-216-037-00	METAL CHIP	330	5%	1/10W
R311	1-216-037-00	METAL CHIP	330	5%	1/10W
R312	1-216-027-00	METAL CHIP	120	5%	1/10W
R313	1-216-001-00	METAL CHIP	10	5%	1/10W
R314	1-216-001-00	METAL CHIP	10	5%	1/10W
R315	1-216-027-00	METAL CHIP	120	5%	1/10W
R316	1-216-037-00	METAL CHIP	330	5%	1/10W
R317	1-216-037-00	METAL CHIP	330	5%	1/10W
R318	1-216-009-00	RES-CHIP	22	5%	1/10W
R319	1-216-037-00	METAL CHIP	330	5%	1/10W
R320	1-216-037-00	METAL CHIP	330	5%	1/10W
R321	1-216-027-00	METAL CHIP	120	5%	1/10W
R322	1-216-001-00	METAL CHIP	10	5%	1/10W
R323	1-216-001-00	METAL CHIP	10	5%	1/10W
R324	1-216-027-00	METAL CHIP	120	5%	1/10W
R325	1-216-037-00	METAL CHIP	330	5%	1/10W
R326	1-216-037-00	METAL CHIP	330	5%	1/10W
R327	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R328	1-216-081-00	METAL CHIP	22K	5%	1/10W
R329	1-216-049-11	RES-CHIP	1K	5%	1/10W
R330	1-216-073-91	RES-CHIP	10K	5%	1/10W
R331	1-216-097-11	RES-CHIP	100K	5%	1/10W
R332	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R334	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R335	1-216-081-00	METAL CHIP	22K	5%	1/10W
R336	1-216-073-91	RES-CHIP	10K	5%	1/10W
R337	1-216-073-00	RES-CHIP	10K	5%	1/10W
R338	1-216-073-00	RES-CHIP	10K	5%	1/10W
R339	1-216-081-00	METAL CHIP	22K	5%	1/10W
R340	1-216-037-00	METAL CHIP	330	5%	1/10W
R341	1-216-037-00	METAL CHIP	330	5%	1/10W
R342	1-216-027-00	METAL CHIP	120	5%	1/10W
R343	1-216-001-00	METAL CHIP	10	5%	1/10W
R344	1-216-001-00	METAL CHIP	10	5%	1/10W
R345	1-216-027-00	METAL CHIP	120	5%	1/10W
R346	1-216-037-00	METAL CHIP	330	5%	1/10W
R347	1-216-037-00	METAL CHIP	330	5%	1/10W
R348	1-216-037-00	METAL CHIP	330	5%	1/10W
R349	1-216-037-00	METAL CHIP	330	5%	1/10W
R350	1-216-027-00	METAL CHIP	120	5%	1/10W
R351	1-216-001-00	METAL CHIP	10	5%	1/10W
R352	1-216-001-00	METAL CHIP	10	5%	1/10W
R353	1-216-027-00	METAL CHIP	120	5%	1/10W
R354	1-216-037-00	METAL CHIP	330	5%	1/10W
R355	1-216-037-00	METAL CHIP	330	5%	1/10W
R356	1-216-025-11	RES-CHIP	100	5%	1/10W
R357	1-216-025-11	RES-CHIP	100	5%	1/10W
R358	1-216-025-11	RES-CHIP	100	5%	1/10W
R359	1-216-025-11	RES-CHIP	100	5%	1/10W
R360	1-216-025-11	RES-CHIP	100	5%	1/10W
R361	1-216-025-11	RES-CHIP	100	5%	1/10W
R362	1-216-073-00	RES-CHIP	10K	5%	1/10W
R363	1-216-049-11	RES-CHIP	1K	5%	1/10W
R364	1-216-049-11	RES-CHIP	1K	5%	1/10W
R365	1-216-049-11	RES-CHIP	1K	5%	1/10W
R366	1-216-025-11	RES-CHIP	100	5%	1/10W
R367	1-216-025-11	RES-CHIP	100	5%	1/10W
R368	1-216-025-11	RES-CHIP	100	5%	1/10W
R369	1-216-025-11	RES-CHIP	100	5%	1/10W
R370	1-216-049-11	RES-CHIP	1K	5%	1/10W
R371	1-216-025-11	RES-CHIP	100	5%	1/10W
R372	1-216-049-11	RES-CHIP	1K	5%	1/10W
R373	1-216-073-00	RES-CHIP	10K	5%	1/10W
R374	1-216-073-00	RES-CHIP	10K	5%	1/10W
R375	1-216-073-00	RES-CHIP	10K	5%	1/10W
R376	1-216-013-00	METAL CHIP	33	5%	1/10W
R377	1-216-013-00	METAL CHIP	33	5%	1/10W
R378	1-216-013-00	METAL CHIP	33	5%	1/10W
R401	1-245-274-11	RES-CHIP	0.05	1%	1W
R402	1-245-274-11	RES-CHIP	0.05	1%	1W
R403	1-249-381-11	CARBON	1	5%	1/4W F
R404	1-249-381-11	CARBON	1	5%	1/4W F
R405	1-249-381-11	CARBON	1	5%	1/4W F
R406	1-249-381-11	CARBON	1	5%	1/4W F
R407	1-249-381-11	CARBON	1	5%	1/4W F
R408	1-249-381-11	CARBON	1	5%	1/4W F
R409	1-249-381-11	CARBON	1	5%	1/4W F
R410	1-249-381-11	CARBON	1	5%	1/4W F
R411	1-249-381-11	CARBON	1	5%	1/4W F
R412	1-249-381-11	CARBON	1	5%	1/4W F
R413	1-245-274-11	RES-CHIP	0.05	1%	1W
R414	1-245-274-11	RES-CHIP	0.05	1%	1W
R415	1-245-274-11	RES-CHIP	0.05	1%	1W
R416	1-216-073-00	RES-CHIP	10K	5%	1/10W
R417	1-216-073-00	RES-CHIP	10K	5%	1/10W
R418	1-216-045-00	METAL CHIP	680	5%	1/10W
R419	1-216-025-11	RES-CHIP	100	5%	1/10W
R420	1-216-045-00	METAL CHIP	680	5%	1/10W
R421	1-216-025-11	RES-CHIP	100	5%	1/10W
R422	1-216-073-00	RES-CHIP	10K	5%	1/10W
R423	1-216-045-00	METAL CHIP	680	5%	1/10W
R424	1-216-025-11	RES-CHIP	100	5%	1/10W
R425	1-216-073-00	RES-CHIP	10K	5%	1/10W
R426	1-216-045-00	METAL CHIP	680	5%	1/10W
R427	1-216-025-11	RES-CHIP	100	5%	1/10W
R428	1-216-073-00	RES-CHIP	10K	5%	1/10W
R429	1-216-045-00	METAL CHIP	680	5%	1/10W
R430	1-216-025-11	RES-CHIP	100	5%	1/10W
R801	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R802	1-216-013-00	METAL CHIP	33	5%	1/10W
R803	1-216-073-00	RES-CHIP	10K	5%	1/10W

MAIN **POWER SW** **S VIDEO**

Ref. No.	Part No.	Description			Remarks
R804	1-216-073-00	RES-CHIP	10K	5%	1/10W
R805	1-216-073-00	RES-CHIP	10K	5%	1/10W
R806	1-216-073-00	RES-CHIP	10K	5%	1/10W
R807	1-216-081-00	METAL CHIP	22K	5%	1/10W
R808	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R809	1-216-013-00	METAL CHIP	33	5%	1/10W
R810	1-216-081-00	METAL CHIP	22K	5%	1/10W
R811	1-216-097-11	RES-CHIP	100K	5%	1/10W
R812	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R813	1-216-073-00	RES-CHIP	10K	5%	1/10W
R815	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R816	1-216-081-00	METAL CHIP	22K	5%	1/10W
R817	1-216-081-00	METAL CHIP	22K	5%	1/10W
R820	1-216-073-00	RES-CHIP	10K	5%	1/10W
R821	1-216-073-00	RES-CHIP	10K	5%	1/10W
R822	1-216-073-00	RES-CHIP	10K	5%	1/10W
R823	1-216-073-00	RES-CHIP	10K	5%	1/10W
R824	1-216-081-00	METAL CHIP	22K	5%	1/10W
R825	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R827	1-216-081-00	METAL CHIP	22K	5%	1/10W
R828	1-216-097-11	RES-CHIP	100K	5%	1/10W
⚠R900	1-219-237-11	SOLID	3.3M	20%	1/2W (STR-KSL7:CND/STR-SL7)
⚠R901	1-216-045-00	METAL CHIP	680	5%	1/10W
⚠R902	1-240-858-71	METAL	0.27	5%	2W (STR-KSL7:E,MY,SP/TA-KSL7)
⚠R902	1-244-396-11	METAL	0.24	5%	2W (STR-KSL7:CND,MX/STR-SL7)
⚠R903	1-244-396-11	METAL	0.24	5%	2W (STR-KSL7:E,MY,SP/TA-KSL7)
⚠R903	1-243-944-71	METAL	0.33	5%	2W (STR-KSL7:CND,MX/STR-SL7)
R904	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
⚠R905	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R906	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
⚠R907	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
⚠R908	1-215-904-11	METAL OXIDE	100K	5%	2W (STR-KSL7:E,MY,SP/TA-KSL7)
⚠R908	1-215-901-00	METAL OXIDE	33K	5%	2W (STR-KSL7:CND,MX/STR-SL7)
⚠R909	1-247-887-00	CARBON	220K	5%	1/4W
⚠R910	1-215-886-11	METAL OXIDE	100	5%	2W
⚠R911	1-215-886-11	METAL OXIDE	100	5%	2W
⚠R912	1-216-061-91	RES-CHIP	3.3K	5%	1/10W
⚠R913	1-249-387-11	CARBON	3.3	5%	1/4W F
R914	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R915	1-216-077-00	RES-CHIP	15K	5%	1/10W
R916	1-216-049-11	RES-CHIP	1K	5%	1/10W
R917	1-216-073-00	RES-CHIP	10K	5%	1/10W
R918	1-216-077-00	RES-CHIP	15K	5%	1/10W
R919	1-216-089-00	RES-CHIP	47K	5%	1/10W
R920	1-216-063-00	RES-CHIP	3.9K	5%	1/10W
R920	1-216-065-00	RES-CHIP	4.7K	5%	1/10W
R921	1-216-084-00	METAL CHIP	30K	5%	1/10W
R922	1-216-075-00	METAL CHIP	12K	5%	1/10W
R923	1-216-073-00	RES-CHIP	10K	5%	1/10W
R924	1-216-049-11	RES-CHIP	1K	5%	1/10W

Ref. No.	Part No.	Description			Remarks
R925	1-216-049-11	RES-CHIP	1K	5%	1/10W
⚠R926	1-219-984-51	METAL	0.1	5%	2W (STR-KSL7:CND,MX/STR-SL7)
R927	1-216-089-00	RES-CHIP	47K	5%	1/10W
R928	1-216-081-00	METAL CHIP	22K	5%	1/10W
R929	1-216-073-00	RES-CHIP	10K	5%	1/10W
R930	1-249-394-11	CARBON	12	5%	1/4W F
R931	1-216-094-00	RES-CHIP	75K	5%	1/10W
R932	1-216-847-11	METAL CHIP	150K	5%	1/16W
R933	1-249-381-11	CARBON	1	5%	1/4W F
R934	1-216-081-00	METAL CHIP	22K	5%	1/10W
R936	1-216-001-00	METAL CHIP	10	5%	1/10W
		< RELAY >			
RY201	1-515-614-11	RELAY			
RY801	1-515-614-11	RELAY			
		< TRANSFORMER >			
⚠T901	1-437-519-11	TRANSFORMER, POWER (STR-KSL7:E,MY,SP/TA-KSL7)			
⚠T901	1-437-518-11	TRANSFORMER, POWER (STR-KSL7:CND,MX/STR-SL7)			
		< THERMISTOR >			
TH901	1-803-916-11	THERMISTOR, NTC			
		< TERMINAL >			
TM801	1-537-842-11	TERMINAL BOARD (SPEAKER FRONT)			
TM802	1-537-510-31	TERMINAL BOARD (SPEAKER) (6P) (SURROUND,CENTER)			
		< VIBRATOR >			
X300	1-795-286-21	VIBRATOR, CRYSTAL 49.152MHz			
**********					
	1-681-852-11	POWER SW BOARD			
		**********			
		< SWITCH >			
S118	1-762-196-21	SWITCH, TACT (I/⏻)			
**********					
	1-681-855-11	S VIDEO BOARD			
		**********			
		< CAPACITOR >			
C202	1-126-964-11	ELECT	10uF	20.00%	50V
C203	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C204	1-126-964-11	ELECT	10uF	20.00%	50V
C205	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C206	1-126-964-11	ELECT	10uF	20.00%	50V
C207	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C208	1-126-964-11	ELECT	10uF	20.00%	50V
C209	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C210	1-126-964-11	ELECT	10uF	20.00%	50V
C211	1-163-243-11	CERAMIC CHIP	47PF	5.00%	50V

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S VIDEO

Ref. No.	Part No.	Description			Remarks
C212	1-104-665-11	ELECT	100uF	20.00%	10V
C213	1-163-243-11	CERAMIC CHIP	47PF	5.00%	50V
C214	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C227	1-163-021-11	CERAMIC CHIP	0.01uF	10.00%	50V
C239	1-128-840-11	ELECT	47uF	20%	16V
		< CONNECTOR >			
CNS201	1-784-727-11	CONNECTOR, FFC 5P			
		< IC >			
IC201	8-759-524-00	IC TC4052BF(EL,N)			
IC202	8-759-293-22	IC NJM2268M-TE1			
		< JACK >			
J201	1-537-943-11	TERMINAL, S (DVD IN)			
J202	1-764-676-11	CONNECTOR (ROUND TYPE) (TV IN,AUX IN)			
J203	1-764-676-11	CONNECTOR (ROUND TYPE) (MONITOR OUT,VIDEO IN)			
		< COIL >			
L201	1-414-398-11	INDUCTOR	10uH		
		< RESISTOR >			
R201	1-216-022-00	METAL CHIP	75	5%	1/10W
R202	1-216-049-11	RES-CHIP	1K	5%	1/10W
R203	1-216-049-11	RES-CHIP	1K	5%	1/10W
R204	1-216-022-00	METAL CHIP	75	5%	1/10W
R205	1-216-049-11	RES-CHIP	1K	5%	1/10W
R206	1-216-022-00	METAL CHIP	75	5%	1/10W
R207	1-216-022-00	METAL CHIP	75	5%	1/10W
R208	1-216-022-00	METAL CHIP	75	5%	1/10W
R209	1-216-022-00	METAL CHIP	75	5%	1/10W
R210	1-216-022-00	METAL CHIP	75	5%	1/10W
R211	1-216-022-00	METAL CHIP	75	5%	1/10W
R212	1-216-022-00	METAL CHIP	75	5%	1/10W
R213	1-216-049-11	RES-CHIP	1K	5%	1/10W
R214	1-216-073-00	RES-CHIP	10K	5%	1/10W
R215	1-216-022-00	METAL CHIP	75	5%	1/10W

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Ref. No.	Part No.	Description	Remarks
		MISCELLANEOUS	
		**********	
10	1-773-154-11	WIRE (FLAT TYPE) (21 CORE)	
⚠57	1-777-071-21	CORD, POWER	(STR-KSL7:E,MY,SP/TA-KSL7:AEP,UK)
⚠57	1-782-464-21	CORD, POWER (TA-KSL7:CH)	
⚠57	1-783-820-11	CORD, POWER (STR-KSL7:CND,MX/STR-SL7)	
58	1-693-407-21	TUNER UNIT	(EXCEPT STR-KSL7:MY,SP,TA-KSL7)
58	1-693-409-21	TUNER UNIT (STR-KSL7:MY,SP)	
59	1-773-002-11	WIRE (FLAT TYPE) (15 CORE)	(EXCEPT TA-KSL7)
62	1-769-841-11	WIRE (FLAT TYPE) (5 CORE)	
64	1-769-970-11	WIRE (FLAT TYPE) (13 CORE)	
65	1-775-185-11	WIRE (FLAT TYPE) (21 CORE)	
	1-775-117-11	WIRE (FLAT TYPE) (13 CORE)	(EXCEPT STR-KSL7:MX/STR-SL7)
	1-775-151-11	WIRE (FLAT TYPE) (17 CORE) (STR-SL7)	
		ACCESSORIES	
		**********	
	1-476-786-11	COMMANDER, STANDARD	(RM-U305S) (STR-SL7)
	1-569-008-21	ADAPTOR, CONVERSION 2P (STR-KSL7:E)	
	1-770-019-11	ADAPTOR, CONVERSION PLUG 3P	(TA-KSL7:UK)
	1-754-149-11	LOOP ANT (AM) (STR-SL7)	
	1-793-184-21	CONNECTOR (F TYPE ADAPTOR) (STR-SL7)	
	4-228-696-11	COVER, BATTERY (STR-SL7)	
	4-235-542-11	MANUAL, INSTRUCTION (STR-SL7)	

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REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2001.10	New